



# Edmund M. Revilla

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## Summary of experience

I am a IT System Analyst / Developer / Contractor, Cloud-based Information System expert, Data Analyst, Database developer, Trainer / Adviser / Coach / Mentor, Website developer/administrator, and BCH Regional Adviser. Currently, I am working as a consultant for the Asian Development Bank (ADB) and United Nations Environment Programme (UNEP).

Other international organizations I have worked with as a consultant:

- giz, World Bank, European Union, ASEAN Regional Centre for Biodiversity Conservation, and International Tropical Timber Organization.

My areas of expertise:

- Information System project management, System and Database analysis/design/development, Cloud-based Information System analysis/design/development, Data analysis, Development of training courses, Teaching, training, and coaching in IT and the Biosafety Clearing-house, Website design, development, maintenance and management, HTML/Javascript/CSS programming, eGovernment Systems, database system solutions, development of stand-alone or interoperable web-based databases, LAN-based systems, and personal desktop applications.

My experience spans twenty-nine (30) years with most of the last fifteen (16) years focused on international work in:

- Bangladesh, Cambodia, China, Egypt, India, Indonesia, Japan, Kiribati, Laos, Malaysia, Nepal, Pakistan, Philippines, Saudi Arabia, Singapore, Thailand, Turkmenistan, and Viet Nam.

My work experience includes:

- Creation / analysis / design / maintenance of cloud-based information system projects, leading software development projects, data analysis, building programming teams, training course development, capacity-building, training-of-trainers, transfer of knowledge through training / coaching / mentoring, developing software, developing secure online payment systems or e-commerce websites, developing online databases, developing and maintaining websites, and creating documentations.

My strongest technical skills are:

- XAMPP, PHP-MySQL, Yii2 framework
- Workshop design and facilitation (on-site, online, hybrid)
- HTML, CSS, Javascript, jQuery
- WordPress CMS, Elementor website designer
- Data analysis using Excel, SQL, R, Tableau, and IBM Cognos

<p><b>Technical Skills</b></p>	<p><u>Operating System:</u> Windows 9x/NT/2000/XP/7 (22 years), Linux (4 years), Unix (1 year), Mac OS (8 years) and DOS (6 years)</p> <p><u>Programming Language:</u> HTML/XML (16 years), Javascript (15 years), PHP (11 years), Visual Basic .NET (1 year), Visual Basic for Applications (2 years), Visual C# .NET (1 year), Java (4 years), Globus/Temenos T24 (1 year), Pascal (4 years), C (3 years) and FORTRAN 77 (2 years)</p> <p><u>Database:</u> MySQL (11 years), PostgreSQL (1 year), Borland Interbase (4 years), MS SQL Server (2 years), IBM UniVerse (1 year), jBase (1 year), MS Access (4 years), MS Foxpro (6 years), Globus/Temenos T24 (1 year) and Oracle 9i/10g (2 years)</p> <p><u>Web Servers/Web Browsers:</u> XAMPP/PHP/MySQL (11 years), JSP/JDBC/Javabeans (4 years), Apache Webserver (8 years), MS IIS (2 years), OmniHTTPd (3 years), Jakarta Tomcat (3 years), MS Internet Explorer /Firefox/Google Chrome (13 years)</p> <p><u>Data Analysis:</u> Excel (8 years), SQL (8 years), R (11 months), Tableau (5 months), IBM Cognos (5 months), Google BigQuery (3 months), Power BI (1 month)</p> <p><u>Automation:</u> Automation Anywhere (2 months)</p> <p><u>Design Tool:</u> CSS (11 years), Oracle JDeveloper 10g (2 years), WordPress (10 years), ModX (1 year), Dreamweaver (7 years), Macromedia Flash (1 year), MS Access/MS SQL Server (4 years)</p> <p><u>Software Application:</u> Adobe Pagemaker/MS Publisher (10 years), Adobe Photoshop (15 years), MS Office (16 years)</p> <p><u>Hardware:</u> IBM PC and Compatible computers (25 years), AS/400 (1 year), TCP/IP Networking (7 years), Apple Mac (9 years) and Sun Sparcstation (1 year)</p>
<p><b>Professional experience</b></p>	<p><b>Independent IT Consultant</b>  GeoInfometrics Solutions Corp., Philippines <span style="float: right;">Jul 2024</span>  <b>Mentor</b></p> <ul style="list-style-type: none"> <li>* Pulled in to do an audit of their 21-module IT system.</li> <li>* Looked for bugs and areas of improvement.</li> <li>* Gave advice to ensure the IT system will be fit for use and sale.</li> <li>* Gave advice to ensure sustainability of the IT system's current and future management and development.</li> <li>* Created and submitted a report of all findings and solutions.</li> </ul> <p>Platforms used: LAMPP, Ubuntu, Windows  Languages used: PHP, SQL  Contact person: Rick Jayson Tatlonghari (rick.geoinfometrics@gmail.com)</p> <p><b>Mentor for Data Analyst Online Classes</b>  Eskwelabs, Philippines <span style="float: right;">Dec 2022 – Dec 2023</span>  <b>Mentor</b></p> <ul style="list-style-type: none"> <li>* On call intermittent work – 1<sup>st</sup>: Feb 13-17, 2023.</li> <li>* Facilitate and mentor small group exercises during online data analytics classes.</li> <li>* Create short reports on experiences, feedback, participants' needs, concerns, and learning experiences, mentoring best practices and experiences.</li> <li>* Meet with organizers, instructors, and other mentors to plan the execution of the workshops.</li> </ul> <p>Platforms used: Google BigQuery, Microsoft PowerBI  Languages used: SQL</p>

Contact person: Den Briones (den@eskwelabs.com)

### **SC 115151 PHI: Operations Analyst**

ADB, Philippines

Nov 2020 – present

#### **Operations Analyst**

\* Update monthly data submission on ADB operations following the IATI standard, work with the relevant ADB departments involved in this process to continuously improve the ADB submission, and provide technical support to ensure that ADB reports following the latest version of the IATI standard;

\* Assist in preparing ADB's report to OECD on the bank's financing at activity level;

\* Support in addressing ADB operations data requests and other tasks that may be assigned from time to time.

\* Automate some manual processes to expedite monthly submission of IATI data.

Platforms used: Mac OSX, Excel, Word, Teams, Outlook, IATI data validator, RStudio, Automation Anywhere

Languages used: HTML, XML, R

Contact persons: Ms. Mary Ann Cuevas (mcuevas@adb.org)

### **UNEP-GEF Biosafety Clearinghouse (BCH) 3 Project**

Nairobi, Kenya / Asia region

Dec 2014 – May 2023

#### **BCH Regional Advisor (on-call)**

Create regional and national BCH workshop presentation materials, setup the workshops in collaboration with the UNEP-GEF BCH team / Regional BCH team / Country BCH team, and facilitate the workshops whether onsite, online, or hybrid.

Develop and facilitate the BCH Regional Training-of-trainers in New Delhi, India, and in Islamabad, Pakistan.

Develop the 4<sup>th</sup> Asia BCH Regional Workshop at the Expert's Meeting at Daejeon, South Korea, December 15-16, 2014.

Develop and finalize the 4<sup>th</sup> Asia BCH Regional Workshop at the Expert's Meeting at Phnom Penh, Cambodia, July 1-2, 2015.

Conduct and facilitate the 4th Asia Biosafety Clearinghouse (BCH) Regional Workshop at Nanjing, China, November 17-20, 2015.

Develop and start the execution of the Asia BCH Road Map, the COP-MOP 8 Side Event, and the Asia BCH mainstreaming of biosafety into NBSAPs at Manila, Philippines, April 5-7, 2016.

Develop and finalize the upcoming China-ASEAN BCH Sub-regional Workshop at Calamba, Laguna, Philippines, September 2, 2016.

Develop, conduct, facilitate, and report on the Pacific Regional Workshop at Nadi, Fiji, June 2017.

Develop, conduct, facilitate, and report on the 1<sup>st</sup> Mongolia BCH National Workshop at Ulaanbaatar, Mongolia, October 2018.

Provide technical advice to participant countries so that they will be able to setup and maintain their own biosafety clearing house system. This includes IT procurement planning, and execution.

Design and finalize Regional and National Workshops sessions, Storyboards, Venues, Agendas, List of Workshop materials, List of Workshop Presentations, and logistics of the workshop.

Create Gap Analysis and Assessment Report of all countries in Asia on their BCH Record Status, and another Gap Analysis and Assessment Report of their BCH Country Status, based on their pre-workshop survey, and data records on the BCH Central Portal.

Create the pre-workshop questionnaire for the pre-workshop survey.

Do training and facilitate the regional workshop, the focus group discussions, the plenary presentations, to help the participants create the Asia BCH Road Map.

	<p>Present the results of the 2 Gap Analyses.</p> <p>Help all the country participants arrive at a consensus on all the details of the Asia BCH Road Map.</p> <p>Network, coach, and do consultations with local BCH staff from all the participant countries.</p> <p>Produce a final report on the outcomes and proceedings of Regional and National Workshops.</p> <p>Project Manager: Mr. Emmanuel K. Adonsou (<a href="mailto:Emmanuel.Adonsou@un.org">Emmanuel.Adonsou@un.org</a>) / Mr. Rami Abdel-Malik (<a href="mailto:Rami.Abdel-Malik@un.org">Rami.Abdel-Malik@un.org</a>)</p> <p><b>TA-9766 REG: Southeast Asia Public Management, Financial Sector, and Trade Policy Facility - LGDP-N29 National IT Expert/Programmer (53071-001)</b></p> <p>ADB, Philippines <span style="float: right;">Mar 2022 – Jul 2022</span></p> <p><b>LGDP-N29 National IT Expert/Programmer</b></p> <p>A. System Development/Adjustment</p> <ul style="list-style-type: none"> <li>• in consultation with the DILG-BLGD and ISTMS, make the necessary adjustments in the system codes/ programming of the E-LDIP and E-GAM systems to work with the ISTMS server settings</li> <li>• set-up local and online development servers to mimic DILG's virtual host set-up</li> <li>• reconfigure E-LDIP and E-GAM indexes, log-in, user registration and confirmation</li> <li>• reconfigure E-LDIP dashboard/report generation</li> <li>• reconfigure frontend modules: GAM list view, GAM ranked list, LDIP view, Annual Resource Requirements view, and others</li> <li>• present and test run the adjusted E-GAM and E-LDIP systems with DILG BLGD</li> <li>• finalize the E-GAM and E-LDIP systems</li> </ul> <p>B. System Installation in the DILG Server</p> <ul style="list-style-type: none"> <li>• undertake interface sessions with DILG ISTMS for system installation</li> <li>• develop the Deployment Guide as reference of the DILG-ISTMS in the installation of the systems in the DILG server, as necessary</li> <li>• address any system glitches to be encountered during the installation of the readjusted systems in the DILG server.</li> </ul> <p>C. Testing after System Installation</p> <ul style="list-style-type: none"> <li>• pilot test the readjusted E-LDIP and E-GAM systems to selected LGUs.</li> <li>• address any system glitches to be encountered during the pilot testing of the readjusted systems</li> </ul> <p>D. Knowledge Product Development and Capacity Building Interventions.</p> <ul style="list-style-type: none"> <li>• recreate the User's and Administrator's Manuals as well as the video tutorials based on the adjustments made to the E-LDIP and E-GAM systems.</li> <li>• document the changes introduced in the systems.</li> <li>• orient the concerned DILG Central, Regional and Field Officers and LGU functionaries on the finalized systems.</li> </ul> <p>E. Other service(s)</p> <ul style="list-style-type: none"> <li>• troubleshoot glitches and problems on both the E-LDIP and E-GAM systems that may surface within one (1) year after final deployment of the system. FY 2022 being an election year, system adoption may be delayed especially for LGUs with changes in local administration.</li> </ul> <p>Output of the engagement include:</p> <ol style="list-style-type: none"> <li>i. A fully functional DILG E-LDIP and E-GAM systems integrated in the DILG-ISTMS web server.</li> <li>ii. Deployment Guide for installation.</li> </ol>
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- iii. Adjusted E-LDIP and E-GAM User's and Administrators Manual and video tutorials.
- iv. System documentation (reflecting adjustments undertaken on the source code, database, etc.); and v. Orientation for DILG and LGU personnel on the readjusted systems.

Platforms used: Mac OSX, Bootstrap.JS, jQuery, XAMPP, yii 2 PHP Framework

Languages used: HTML, Javascript, CSS, PHP, MySQL

Contact person: Ms. Jenelyn Mendez-Santos (jamendez@adb.org)

**TA-9766 REG: Southeast Asia Public Management, Financial Sector, and Trade Policy Facility - LGDP-N1 LGDP: National IT Specialist Programmer (53071-001)**

ADB, Philippines

Sep 2019 – Dec 2021

**LGDP-N1 LGDP: National IT Specialist Programmer**

Part 1

- a) Review the format for the Local Development Investment Program (LDIP) based on the official CDP manual, previous IT work conducted in-house by DILG, and samples of model submissions from LGUs in consultation with the Bureau of Local Government Development (BLGD) of the Department of the Interior and Local Government (DILG);
- b) Conduct consultations with the DILG for a) the finalization of the digitized LDIP format and functionality, b) web-based analytics and reporting format using the LDIP data, and the preferred software to code the applications;
- c) Draft an Inception Report with the work plan and agreements reached with DILG on the web-design of the LDIP which should include computer-based, LGU-system data entry and updating, web-based data capture and storage to a national system, options for generating CSV files, and web-based analytical reports at the LGU, Provincial, Regional and National levels;
- d) Design and Code the National and LGU LDIP systems comprising of a) computer-based, LGU-system data entry and updating including fields for DBM Budget Codes and a pull-down menu table of budget codes and their definitions that can also be updated and/or expanded, b) web-based data capture and storage to a national system, c) option for generating CSV files, and d) web-based analytical reports at the LGU, Provincial, Regional and National level;
- e) In coordination with the DILG, conduct implementation and stress tests on the systems;
- f) Debug any issues that may arise;
- g) Demo the systems to DILG top management and selected LGUs;
- h) Pilot test the system to selected LGUs;
- i) Draft the user's manual for the applications and administrator's manual;
- j) Conduct training for selected DILG personnel on the use and maintenance of the system;
- k) Based on comments from DILG, make system adjustments and turn over the system components to the DILG including the source codes and documentation; and
- l) Revise the user's manual and administrator's manual based on comments from DILG.

Part 2

- (i) Introduce adjustments to the e-LDIP system, as may be deemed necessary;
- (ii) Ensure better interface with the e-GAM system;
- (iii) Address system glitches and problems, if any, and troubleshoot glitches and problems on the e-GAM system that may surface within 3 months after final deployment of the system;

- (iv) Review the format and examples for the GAM based on the official CDP manual (original and enhanced) and samples from LGUs and DILG in consultation with the Bureau of Local Government Development (BLGD) of the Department of the Interior and Local Government (DILG);
- (v) Conduct consultations with the DILG for the finalization of the LDIP and GAM template and the preferred software to code the applications;
- (vi) Draft an Inception Report with the work plan and agreements reached with DILG;
- (vii) Design and Code the LDIP and GAM in the DILG system and website;
- (viii) Design and Code a feature to generate and read CSV formats of the LDIP and the GAM;
- (ix) Design and Code the Microsoft Excel or CSV templates for the LDIP and GAM;
- (x) In coordination with the DILG, conduct implementation and stress tests on the applications;
- (xi) Debug any issues that may arise;
- (xii) Demo the applications and templates to DILG top management and selected LGUs;
- (xiii) Draft the user's manual for the applications and administrator's manual;
- (xiv) Conduct training for selected DILG personnel on the use and maintenance of the system;
- (xv) Revise based on comments from DILG and turn over the applications and templates to the DILG including the source codes and documentation; and
- (xvi) Revise the user's manual and administrator's manual based on comments from DILG.

Platforms used: Mac OSX, Bootstrap.JS, jQuery, XAMPP, yii 2 PHP Framework  
 Languages used: HTML, Javascript, CSS, PHP, MySQL  
 Contact person: Ms. Jenelyn Mendez-Santos (jamendez@adb.org)

**Web Information System – Accounting System, and Online Store for Truvelta Corporation**

Pasig City, Philippines Aug 2019 – December 2020

**Web Information System and IT Specialist**

- a) Develop a web information system to solve all the current accounting needs of the company, with capability to expand for future needs.
- b) Develop an online store that organizes all online orders, and the company's dealers for effective and efficient product sales.
- c) Develop an online spreadsheet accounting system for quick solution to the current accounting needs of the company.
- d) Provide accounting reports as needed.
- e) Data analytics to find priority list of customers to follow-up payments and their contact details.

Platforms used: Mac OSX, Bootstrap.JS, jQuery, CMS: WordPress, XAMPP, Elementor web page designer, yii 2 PHP Framework, Excel  
 Languages used: HTML, Javascript, CSS, PHP, MySQL  
 Contact person: Mr. JB Serrano ([truvettacorp@gmail.com](mailto:truvettacorp@gmail.com))

**SC 110491 PHI: Law and Policy Reform Program - Website and IT Specialist (Contract No. 141768)**

ADB, Philippines Jun 2018 – Apr 2019

**Website and IT Specialist**

LPR Website

- (i) Meet with the LPR team, collectively and individually, to identify expectations and features of a redesigned LPR website;
- (ii) Conceptualize and propose at least 3 graphic layout designs of the LPR website that embodies the LPR Program vision and strategy;
- (iii) Develop the selected layout and structure of the website;
- (iv) Establish a working LPR website;
- (v) Develop the needed functionalities and applications that allows the LPR website an option to link to ADB.org website;
- (vi) Coordinate with ADB's Department of Communications for linking the LPR page with adb.org site; (vii) Coordinate with the LPR team to identify the sources of information and updates for the LPR website and consolidate information, according to the TA supervising unit's instructions;
- (viii) Provide regular maintenance and updates of the LPR website and provide training to relevant OGC staff on how to manage the new LPR website;
- (ix) Create an e-newsletter function with email and text blasting options;

LPR Newsletter and Social Media

- (i) Draft a concept for a quarterly LPR newsletter that embodies the LPR Program vision and strategy;
- (ii) Create 3 creative and catchy graphic designs of the LPR newsletter to choose from;
- (iii) Coordinate with DER for selection of image materials to be used in the LPR newsletter;
- (iv) Coordinate with the LPR team to identify the sources of information and news for quarterly updates of the LPR newsletter;
- (v) Develop a mailing list to disseminate the newsletter;
- (vi) Develop an LPR dissemination tools for social media and educate LPR counsel in using such tools

Platforms used: Mac OSX, Bootstrap.JS, jQuery, CMS: WordPress, XAMPP, Elementor plugin, Phlox WordPress theme

Languages used: HTML, Javascript, PHP, SQL

Contact person: Ms. Irum Ahsan ([iahsan@adb.org](mailto:iahsan@adb.org))

**TA-8873 REG Understanding and Arresting Corruption in ADB-Related Activities - Fraud and Corruption Risk Assessment (Database Specialist) (48492-001)**

ADB, Philippines

Jun 2017 – Dec 2019

**Database Specialist**

- (i) Carry out due diligence and analysis of the previously collated data on fraud and corruption to ensure accurate input of the data received from various sources. The database needs to be assured of free from error. Further research and analysis from the above sources may need to be performed to update the database.
- (ii) Provide an inception report within two weeks of the beginning of the assignment. The Consultant will: (i) comment on the detailed terms of reference (and any proposed adjustments thereto) and (ii) prepare a draft work program/implementation schedule conforming to the terms of reference. Subject to strict confidentiality requirements and not part of the database yet. OAI staff will provide sanitized data to be included as part of the database.
- (iii) Design and Construct a database, using the current EXCEL database, or possibly any other Database Software as required and agreed with OAI, to enable users to easily retrieve the database and to identify fraud and corruption risks in terms of countries, counter-parties, sectors, projects, and etc. If EXCEL is used, the Consultant may need to create charts and graphs through Macro functionalities. As

agreed with OAI, the Consultant may also be required to create web-based user-interface to enable users to easily access and use the database for their purposes.

- (iv) Develop and maintain documentation database/design documentation and operating manual on how to use the database.
- (v) Research on current practices and available tools employed by other MDBs or IFIs in relation to project risk management
- (vi) Operationalize the database and pilot test it on projects from selected regional departments across sectors.
- (vii) Prepare training materials for relevant ADB stakeholders to cascade the tools.
- (viii) Provide technical support in the areas of research and data analysis to OAI during the implementation of the RETA.
- (ix) Collaborate with OAI and relevant ADB staff and OAI consultants to produce deliverables
- (x) Prepare a Final Report on the gathered and/or acquired data and the results of the assessments and analyses.
- (xi) The Consultant is required to maintain strict confidentiality in all aspects of the work.
- (xii) Undertake any other tasks as assigned by OAI.

Platforms used: Mac OSX, Bootstrap.JS, jQuery, CMS: Wordpress, XAMPP, Excel  
 Languages used: HTML, Javascript, PHP, SQL  
 Contact person: Ms. H.Lorraine Wang ([hlwang@adb.org](mailto:hlwang@adb.org))

**UNEP-Biosafety ClearingHouse (BCH) Training for Thai Government and Private Stakeholders**

Bangkok, Thailand Aug – Sep 2016  
**Consultant and Trainer**

Network with staff of Office of Natural Resources and Environmental Policy and Planning (ONEPP), MONRE, Thailand to ensure the right topics will be tackled, and setup and finalize pre-workshop requirements. Ensure the workshop will not just waste time of the participants.

Develop the BCH workshop agenda, storyboard, materials, and other requirements, and finalize everything with ONEPP.

Setup logistics with ONEPP.

Conduct the 1<sup>st</sup> Thailand BCH National Workshop at Bangkok, Thailand, September 4-6, 2016.

Coach and train ONEPP staff in all their BCH needs (e.g. UNEP-BCH 3 project, BCH national website, Public education and participation, Future BCH regional activities, and others), to ensure they could quickly move forward with their BCH goals after this visit.

Create workshop report and submit to ONEPP.

Follow-up ONEPP on any other needs.

Persons Networked: Dr. Vithet Srinate, Ms. Praopan Tongsom, Ms. Dalad Senthong, and Mr. Panuwat Kamuttachart

**TA-8520 REG Asia Pacific Public Electronic Procurement Network - 5 Design, Development and Maintenance of Online e-GP Knowledge Exchange (Internet and Intranet) (47192-001)**

ADB, Philippines Sep 2015 – Jun 2017  
**IT/Website/Wiki/Forum/Social Media Developer**

Design, develop, deploy and maintain:

- 1) Robust and easy to use Online Web Portal (intranet and internet)
- 2) Record and Report Survey Responses
- 3) Integration with Popular Social Networking Sites



- 4) Upload File Attachments, tagging them for appropriate search
- 5) Track website usage and provide web statistics
- 6) Create and manage calendar invites for e-procurement events.
- 7) Liaise with Department of External Relations (DER) and Office of Information Systems and Technology (OIST) to harmonize internet and intranet applications related to e-procurement knowledge sharing and to make sure that the development is compatible with existing ADB IT infrastructure.
- 8) Other tasks related to managing structure and content of e-procurement website

Carefully review ADB's IT environment, and develop a thorough understanding of the capabilities and limitations of the IT infrastructure.

Platforms used: Windows, Mac OSX, Bootstrap.JS, jQuery, CMS: Wordpress

Languages used: HTML, Javascript, PHP, SQL

Contact person: Ms. Galia Ismakova ([gismakova@adb.org](mailto:gismakova@adb.org))

**TA-8189 REG Development of an Online Software Tool to Support the Assessment of the Sustainability of Transport Projects (45105-003)**

ADB, Philippines

Feb 2015 – Jul 2015

**Software Tool Developer**

Carefully review ADB's IT environment, and develop a thorough understanding of the capabilities and limitations of the IT infrastructure.

Review a set of technical options that the ADB team will develop, and assess these options in terms of (i) compatibility with ADB's IT equipment/software, (ii) ease of use, (iii) practicality of development, and (iv) ease of maintenance over time. Technical options that the ADB team will develop are expected to include (i) html-based design that can be accessed through an internet browser, (ii) Microsoft Excel-based design that can be operated on standard computers offline, (iii) other suitable configurations. Support the ADB team in deciding on the most suitable technical option.

Create a first mock-up of the chosen technical option, which will be tested by potential users and feedback received.

Upon soliciting feedback from potential users, further develop WEB-STAR into a fully-functioning software tool.

Test the software tool for any technical bugs, and provide fixes as necessary.

Check the final version of the software tool for adherence against ADB protocol on online material.

Develop a manual that describes how the tool is to be used, in simple language.

Conduct at least 3 training sessions for ADB staff and other stakeholders on the use of the software tool.

Platforms used: Windows, Mac OSX, Bootstrap.JS, jQuery, CSS

Languages used: HTML, Javascript

Contact persons: Ms. Nana Soetantri, Mr. Ko Sakamoto ([ksakamoto@adb.org](mailto:ksakamoto@adb.org))

**Design and Implementation of e-Government Computerization and Database Systems of the Municipality of Gumaca, Quezon**

Gumaca, Quezon, Philippines

Nov 2014 – Feb 2015

**IT Systems Developer**

Gather user requirements, design and implement an integrated computerized e-Government Database system for the Municipality of Gumaca's: Community Tax Certificate, Business Permit and Licensing, Real Property Tax, Treasury, Budget, Accounting, Sangguniang Bayan, HR, Market system procedures.

Develop, Install, and Customize the iLGU System (e-Government System) to make sure all users are able to use it with minimum or no additional learning needed. This includes IT procurement planning, and execution.

Train and coach all users to ensure competent use of the iLGU System.

Analyze and install LAN and WAN server and networking needs of the municipal building of Gumaca.

Platforms used: Windows, Mac OSX, Ubuntu, MySQL, Apache webserver

Languages used: HTML, Javascript, PHP, SQL

Contact person: Mr. Elmo Caralian (FB: Elmo Caralian)

### **Marine Turtle Database Management System**

GIZ, PAWB-DENR, Q.C., Philippines

May 2014 – Aug 2014

#### **IT System Developer**

Gather user requirements, design and implement a consolidated database system of all Marine Turtle encounter/release data of BMB-DENR Philippines.

Develop a web-based database system of all available Marine turtle data for the BMB-DENR. This includes IT procurement planning, and execution.

Develop a web-based reporting system for all available Marine turtle data for the BMB-DENR.

Data cleaning and analysis using SQL and Excel.

Train, coach, and hold workshops to ensure all users learn how to use the database system turned over to them.

Platforms used: Windows, Mac OSX, MySQL, Apache webserver, Excel

Languages used: HTML, Javascript, PHP, SQL

Contact person: Maria Nancy Ibuna ([maria.ibuna@giz.de](mailto:maria.ibuna@giz.de))

### **Design and Implementation of e-Government Computerization and Database Systems of Cavinti, Laguna**

Cavinti, Laguna, Philippines

Aug 2013 – Jan 2014

#### **IT Systems Developer**

Gather user requirements, design and implement an integrated computerized e-Government Database system for the Municipality of Cavinti's: Community Tax Certificate, Business Permit and Licensing, Real Property Tax, Waterworks, Treasury, Budget, Accounting, Sangguniang Bayan, HR, Tourism system procedures.

Develop, Install, and Customize the iLGU System (e-Government System) to make sure all users are able to use it with minimum or no additional learning needed. This includes IT procurement planning, and execution.

Train and coach all users to ensure competent use of the iLGU System.

Analyze and install LAN and WAN server and networking needs of the municipal building of Cavinti.

Platforms used: Windows, Mac OSX, Ubuntu, MySQL, Apache webserver

Languages used: HTML, Javascript, PHP, SQL

Contact person: Rick Jayson Tatlonghari ([rj.tatlonghari@yahoo.com](mailto:rj.tatlonghari@yahoo.com))

### **Consolidation of all GIS Data under the GIZ Projects in Panay and Negros Islands (GIS Databank)**

Iloilo & Dumaguete City, Philippines

Jun 2013 – Dec 2014

#### **IT System Developer**

Gather user requirements, design and implement a consolidated database system of all GIS data under the GIZ projects in Panay and Negros Islands.

Develop a web-based repository of all GIS data for the GIZ projects.

Develop a web-based reporting system for available GIS information for the GIZ projects.

Train, coach, and hold workshops to ensure all users learn how to use the software systems turned over to them. Users are: PMU GIS users, CENRO GIS users, PENRO GIS users, PMU/CENRO/PENRO decision makers. This includes IT procurement planning, and execution.

Platforms used: Windows, Mac OSX, MySQL, Apache webserver, QuantumGIS  
Languages used: HTML, Javascript, PHP, SQL  
Contact person: Dr. Jurgen Schade (jurgen\_schade@yahoo.com)

**Energy Development Corporation – Phase 3: Watershed Management Information System**

Taguig City, Philippines Jul 2011 – Dec 2011

**Oracle JDeveloper System Analyst and Developer**

Analyze and integrate new features into EDC's Watershed Management Information Web Application System using Oracle and Oracle JDeveloper.

Test and deploy the developed Watershed Management Information System.

Write the required system design (SQA) documents for this implementation of EDC's Watershed Management Information System.

Technologies used: Oracle database 9i, Oracle JDeveloper 10g, Oracle SQL Developer, Oracle Application Server 10g, Java, JDBC, HTML, FTP.

Project Manager: Ms. Marianne Paje ([mjpaje@energy.com.ph](mailto:mjpaje@energy.com.ph))

**UNEP-GEF BCH 2 Project (Biosafety Clearinghouse)**

Nairobi, Kenya Mar 2011 – Dec 2012

**BCH IT Regional Adviser (on-call)**

Provide technical advice to eligible countries so that they will be able to setup and maintain their own biosafety clearing house website. This is done through the following activities:

Design, train and facilitate workshops and focus group discussions with local biosafety staff of Cambodia, China, Indonesia, Korea, Laos, Malaysia, Mongolia, Philippines, and Thailand.

Design and facilitate "Training of Trainers" in the following countries: Cambodia, Laos, Malaysia, and the Philippines.

Network with local government staff of Cambodia, China, Indonesia, Korea, Laos, Malaysia, Mongolia, Philippines, Thailand, and Vietnam.

Consult with and coach local biosafety staff of Cambodia, China, Indonesia, Korea, Laos, Malaysia, Mongolia, Philippines, Thailand, and Vietnam.

Platforms used: Unix, Linux, Windows XP, MS SQL Server, MySQL, Oracle, PostgreSQL, MS Access, Apache webserver, MS IIS, Tomcat/J2EE

Languages used: HTML, XML, RDF/SOAP/WSDL, Javascript, ASP, PHP, Java, Perl

Project Manager: Ms. Ileana Catalina Lopez ([ileana.lopez@unep.org](mailto:ileana.lopez@unep.org))

**Joan Crisanto – Web and Paypal Programming**

Las Pinas, Philippines Mar 2011 – Apr 2011

**Web/E-commerce Developer**

Developed online reservation system for the client's apartment and transient house that is for rent. ([www.dragonflytransienthouse.com/#!/book-now](http://www.dragonflytransienthouse.com/#!/book-now))

Developed secure online payment system so client can opt to pay the rental fees via Paypal or other major credit cards.

Technologies used: HTML, Javascript, AJAX, PHP, MySQL, Paypal programming, FTP, [www.wix.com](http://www.wix.com), [www.wufoo.com](http://www.wufoo.com)

Contact person: Joan Crisanto ([joancrisanto@gmail.com](mailto:joancrisanto@gmail.com))

**EU – Further Sustainable Agricultural and Rural Development Project**

Turkmenistan Apr 2010 – June 2012

**Key Expert 3: IT Expert**

Create Inception report, monthly reports, final report, work plan, financial plan for the IT part of the project.

Help setup an Agriculture Information Center for the Ministry of Agriculture of Turkmenistan in their capital Ashgabat. This includes IT procurement planning, and execution.

Setup at least 3 other satellite Agriculture Information Centers in the other regions of Turkmenistan.

Setup LAN and internet-based connections within and between all these Agriculture Information Centers.

Develop a website that serves as a national hub that would contain all the country's agriculture-based information.

Train all their Agriculture Information Center staff to be able to properly run and maintain their centers, and how to manage information in their website (add, delete, edit, security).

Project Leader: Mr. Giorgio Bigi, Mr. Arthur Russell (s.arthur.russell@gmail.com)

### **GleekIT.COM – Web and E-commerce Client Programming Support**

Maryland, USA

Mar 2010 – Apr 2010

#### **IT Project Developer**

Philippine-based project. Using PHP/MySQL, develop new features and new e-commerce web applications for the company's client.

Setup, maintain and manage a team of programmers to do the company's programming needs.

Project Manager: Mr. Edward Gleeck (egleek@gleeckit.com)

### **Energy Devt Corp – Phase 2: Watershed Management Module**

Taguig City, Philippines

Jul 2009 – Jan 2010

#### **Oracle JDeveloper Specialist**

Implement the system design for EDC's Watershed Management Information Web Application System using Oracle and Oracle JDeveloper.

Test and deploy the developed Watershed Management System.

Write the required system design (SQA) documents for this implementation of EDC's Watershed Management Module web application.

Design and conduct a User Training workshop for the deployed system.

Technologies used: Oracle database 9i, Oracle JDeveloper 10g, Oracle SQL Developer, Oracle Application Server 10g, Java, JDBC, HTML, and FTP.

Project Manager: Ms. Marianne Paje (mjpaje@energy.com.ph)

### **ITTO – Updating ITTO's Computerized Project Proposal Creation Tool**

Yokohama, Japan

Jul 2009 – Dec 2009

#### **Computer Specialist**

Update and finalize the ITTO ProTool, a software to help proponents create International Tropical Timber Organization's (ITTO's) project proposals, making it more user-friendly based on new user requirements gathered from previous test use.

Made the ITTO ProTool compatible with Windows Vista and MS Office 2007.

The software was developed using Visual Basic for Applications in MS Excel and MS Word.

Project Manager: Mr. Hasan Mahboob (hasan@itto.int)

### **Energy Devt Corp - Phase 1: Watershed Management Module**

Taguig City, Philippines

Oct 2008 – Feb 2009

#### **IT Consultant/Solutions Architect**

Do system analysis, gather user requirements, and develop the system design for EDC's Watershed Management Information System.

Write the required system design (SQA) documents for implementation of programmers.

Project Manager: Mr. Henry Roy Jr. ([roy.hp@energy.com.ph](mailto:roy.hp@energy.com.ph))

### **Bay ICT Services – IT Technical Support Contracts**

Laguna, Philippines

Jan 2008 – present

#### **Business Owner/ICT Service Provider/Trainer**

Find and close ICT service contracts with local private and government companies.

Do ICT services for the following companies: IASA Inc., Caravan Travel and Tours, Inc. and ZI-TECHASIA PILIPINAS, Inc. This includes company-wide IT procurement planning, and execution.

Find and train ICT service staff.

ICT services include: hardware maintenance, LAN and WAN maintenance and administration, Phone/Mobile/PABX maintenance and administration, Wireless LAN maintenance and administration, finding gaps and solving it, improving infrastructure which translates to savings, server maintenance and administration, software installations and software development.

### **Dept of Agriculture-PMED – Results Monitoring and Evaluation System**

Quezon City, Philippines

Oct 2007 – Mar 2009

#### **IT Specialist**

Project funded by World Bank - IDF

Collaborate with DA-PMED's project team to develop a computerized Results Monitoring and Evaluation system for the Dept of Agriculture to strengthen their capacity from the Municipal, Provincial, Regional and up to the Central Office level.

Evaluate/Diagnose current situation of "would be" system users and gather system requirements.

Implement the multi-level computerized Results Monitoring and Evaluation (RME) system as a web-based database for easy and secure access and update of important nationwide agricultural information.

Design and conduct training-workshops nationwide to build capacity of the RME system users.

IT procurement planning, and execution.

Project Manager: Ms. Nieva Natural ([n\\_natural04@yahoo.com](mailto:n_natural04@yahoo.com))

### **SterlingMed International – SterlingMed's E-commerce Website**

#### **Development**

US and UK

Oct 2007 – Oct 2010

#### **Consultant / IT Developer**

Philippine-based project. Evaluate user's needs and gather system requirements.

Design and develop two e-commerce websites and marketing systems, including secure online payment systems.

Maintain the websites.

IT project procurement planning, and execution.

Technologies used: Paypal, HTML, Javascript, XML, SSL.

Contact person: Dr. John Cooper ([sterlingmed@yahoo.com](mailto:sterlingmed@yahoo.com))

### **ITTO – Updating ITTO's Computerized Project Proposal Creation Tool**

Yokohama, Japan

Jul 2007 – Sep 2008

#### **Computer Database Specialist**

Analyze and implement ITTO ProTool users' feedback. ITTO ProTool is a software to help proponents create International Tropical Timber Organization's (ITTO's) project proposals.

Update and finalize the ITTO ProTool, making it more user-friendly based on new user requirements gathered from previous test use.

Present the final software to the ITTO secretariat.

	<p>The software was developed using Visual Basic for Applications in MS Excel and MS Word.</p> <p>Project Manager: Mr. Hasan Mahboob (hasan@itto.int)</p> <p><b>GleekIT.COM – ICT Web/E-commerce Programming Support</b>  Maryland, USA <span style="float: right;">Jul 2007 – Oct 2007</span>  <b>Project Manager / IT Developer</b></p> <p>Make sure the company’s developers perform according to the company’s standards. Help developers meet their job quotas.</p> <p>Quality control and debugging of existing PHP code for a client’s e-commerce website.</p> <p>Develop new features and new web applications for the company’s client. IT project procurement planning, and execution.</p> <p>Contact person: Mr. Edward Gleek (egleek@gleekit.com)</p> <p><b>SUSTEC – Computerized Tool for ITTO’s Project Proposal Development</b>  Quezon City, Philippines <span style="float: right;">Jan 2006 – Dec 2006</span>  <b>Consultant / IT Developer</b></p> <p>Project funded by ITTO.</p> <p>Develop a desktop software that would generate properly formatted project proposals for ITTO's proponents. Every step in using the software should comply with the official ITTO Project Formulation Manual.</p> <p>IT project procurement planning, and execution.</p> <p>The platform to be used should be user-friendly, and can be installed in old Microsoft Office versions.</p> <p>Produce the user manual, and present both the manual and the software to the ITTO Secretariat for finalization.</p> <p>The software was developed using Visual Basic for Applications in MS Excel and MS Word.</p> <p>Contact person: Dr. Ricardo M. Umali (rmumali@i-manila.com.ph)</p> <p><b>Asia Pacific College – Part-time Job</b>  Makati City, Philippines <span style="float: right;">Jan 2006 – Apr 2006</span>  <b>Part-time IT Instructor</b></p> <p>Teach undergraduate courses: Client-server programming in Visual Basic .NET, and Using the Linux Operating System.</p> <p><b>Dela Salle University – Part-time Job</b>  Manila City, Philippines <span style="float: right;">Jan 2006 – Apr 2006</span>  <b>Part-time IT Instructor</b></p> <p>Teach graduate course: Computer Organization and Computer Architecture, and 8086 Assembly Language Programming.</p> <p><b>UNEP-GEF BCH Project</b>  Geneva, Switzerland <span style="float: right;">Oct 2005 – Jul 2009</span>  <b>BCH (Biosafety Clearinghouse) IT Regional Adviser</b></p> <p>Provide technical advice to eligible countries so that they will be able to setup and maintain their own biosafety clearing house website. This was done through the following activities:</p> <p>Design, train and facilitate workshops and focus group discussions with local biosafety staff of Bangladesh, Brunei, Cambodia, China, Indonesia, Kiribati, Laos, Malaysia, Maldives, Mongolia, Nepal, Pakistan, Philippines, Thailand, Vietnam.</p> <p>Network with local government staff of Bangladesh, Cambodia, Indonesia, Kiribati, Laos, Malaysia, Nepal, Pakistan, Philippines, Thailand, Vietnam.</p>
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Consult with and coach local biosafety staff of Bangladesh, Cambodia, Indonesia, Kiribati, Laos, Malaysia, Nepal, Pakistan, Philippines, Thailand, Vietnam.

Coach on IT procurement planning, and execution.

Platforms used: Unix, Linux, Windows XP, MS SQL Server, MySQL, Oracle, PostgreSQL, MS Access, Apache webserver, MS IIS, Tomcat/J2EE

Languages used: HTML, XML, RDF/SOAP/WSDL, Javascript, ASP, PHP, Java, Perl.

Contact Person: Mr. Prakash Bista (prakash.bista@unep.ch)

### **Dev Bank of the Phils-DCI – Part-time Job**

Makati City, Philippines

Sep 2005 – Oct 2005

#### **Solutions Architect**

Conduct a 10-day gap analysis and document all findings and recommendations for the corporate-wide information system of NAPOCOR.

Interview key NAPOCOR personnel to find out the user's requirements for all departments and divisions of NAPOCOR. Document and give analysis and recommendations for all findings during the interview. Recommendations should be bent towards creating an enterprise-wide information system that networks all offices and power plants of NAPOCOR.

Create a proposal for Home Guaranty Corporation's Five-Year Information Systems Strategic Plan (ISSP), Five-Year E-commerce Plan (ECP), Conceptual/Logical Design of the Information System, Training for creating an ISSP, Training for creating an ECP, Training on Introduction to Systems Analysis and Briefing on Information Technology Trends/Directions.

All of the above includes IT procurement planning, and execution.

Project Manager: Mr. Richard Stohner III (rgas3@yahoo.com)

### **CBIT Corp. – Environmental Impact Monitoring System**

Makati City, Philippines

Jun 2005 – Dec 2005

#### **Systems Architect**

Plan and implement IT solutions for the company's main product which was an environmental impact monitoring system for business establishments with waste products.

Co-design (with other partners) marketing plans for the monitoring system.

Market (with other partners) the company's monitoring system.

Platforms and Languages used: Windows XP, HTML, Javascript, PDF creator, PHP, MySQL

### **SOFGEN SA Philippines - Employment**

Makati City, Philippines

May 2004 – Jun 2005

#### **Technical Consultant (Banking systems)**

Develop and implement solutions to technical problems faced by the company's clients. All clients of the company are international-based banks using the Temenos T24 software system.

Lead a team of programmers through an assigned project.

Conduct training for clients and for in-house staff.

Review code of client's current system.

Develop and implement programs to enhance and/or modify the client's current system.

Develop and implement in-house programming projects like: Online Help Desk system, Online resource allocation system.

Project manager of company staff assigned in Credit Suisse Bank, Singapore.

Platforms and Languages used: Windows XP, IBM AIX, Temenos T24, IBM UniVerse, jBase, InfoBASIC, HTML, Javascript, PHP, MySQL.

Contact person: Gerry Juson (gpjusun@sofgen.com)

**Dept. of Agriculture-Biotech – Projects and Proposals Management System**

Quezon City, Philippines

Feb 2003 – Mar 2004

**Project Leader / Web Programmer**

Lead a team of programmers to create an online database system that would keep track of all the ongoing projects and proposals that the DA-Biotech program has and will have. The system keeps track of the project's/proposal's progress and budget. It allows officers to evaluate, approve, disapprove and comment on each submitted proposal, progress report and disbursements.

We used MS Windows 2000 server as OS, and Borland's Interbase, SQL, Java (JSP, Java beans, JDBC), Tomcat 4, and Dreamweaver to develop the system. This system will be placed on their own server housed in the Dept of Agriculture's internet connection.

**Kwicktest (Dr. John Cooper) – E-commerce Design and Programming**

Washington, U.S.A.

Apr 2002 – Aug 2002

**Project Leader/Web Developer**

Lead a team of programmers to create an online e-commerce site for Dr. Cooper's company (KwickTest) to sell rapid medical test products. The site accepts online payments through credit cards or checks. The site is currently housed and maintain in a US-based webhosting company.

Platforms and languages used: OmniHTTPd webserver, HTML, Javascript, Credit card gateway.

Contact person: Dr. John Cooper (sterlingmed@yahoo.com)

**ARCBC – EU Project**

UPLB, Laguna, Philippines

Jul 2001 – Feb 2004

**Database Administrator / SQL Programmer**

ARCBC - ASEAN Regional Centre for Biodiversity Conservation. EU funded.

Update and maintain the integrity of ARCBC's databases especially their online database called Biodiversity Information Sharing Service (BISS).

Maintain good online access to their data servers, setup LAN for central database systems, setup the office's internet connection, setup its web and database servers on the internet and update the online biodiversity information service through web and SQL programming.

Design and conduct trainings and seminars for ARCBC's reference units in the member countries to be able to immediately put their own databases online for easy and secure information sharing.

Help implement data-sharing online databases in ARCBC's reference units.

Platforms used were: Borland's Interbase, Delphi, Java, SQL, Visual Foxpro and HTML for their database systems. OS used were: Linux, Windows 9x/NT/2000.

Supervisors: Lewie Dekker, Dr. John MacKinnon

**World Wide Web Corp. – Kidlat Search Engine Project**

Pasig City, Philippines

Feb – Mar 2001

**Java Developer**

Make sure the Kidlat Search Engine project finishes by March 2001.

Develop an intelligent and efficient WWW spider to collect as much data as possible from the Internet about Filipino websites and servers for the company's search engine database.

Platforms used: Linux, HTML, Java, PostgreSQL and MySQL.

**SUSTEC – NEDA Online Economic Environment Scanning Project**

Pasig City, Philippines

Dec 2000 – Mar 2001

**IT Consultant**



Produce the system analysis and design of NEDA's Online Economic Environment Scanning System.

Oversee the programming team in the design and implementation of the software.

Conduct training for the users of the system.

Platforms and languages used: Apache Tomcat, Oracle, Java, JSP, Javabeans.

Contact Person: Dr. Ricardo M. Umali (rmumali@i-manila.com.ph)

**VitaACE Inc. – Part-time Job**

Makati City, Philippines

May – October 2000

**IT Development Team Leader**

Lead a web programming team to develop an online email client, an online hard drive, an online website builder (no HTML knowledge required) and online registration for a user's account to have all these features plus allowing the user to have control over his own webspace and his own subdomain name. This includes IT procurement planning, and execution.

Platforms used were Windows 9x, RedHat Linux 6.2, Tomcat, PostgreSQL.

We manually wrote all the code in Java, Javascript, JSP, Javabeans without the help of any IDE or visual tool.

Contact Person: Mr. Leland Verceles

**United Coconut Assoc. of the Phils. – Computerized Coconut Statistics**

Pasig City, Philippines

Aug 1999 – Feb 2001

**Foxpro Programmer / Systems Analyst**

Windows 9x implementation of their Coconut Statistics (a reference book composed of tables, graphs, charts and text descriptions relating to the coconut industry in the Philippines).

I also had to analyze their office setup, computer setup, network setup, internet connection then train them in securing their network and recommend better practices, improve network infrastructure and internet connection, and do IT procurement planning, and execution.

Visual Foxpro was used to implement the LAN-based database system of their Coconut Statistics.

Reference: Dr. Eliezer Albacea

**Food & Nutrition Research Inst. – FIL-ANTHROP Software Project**

DOST, Bicutan, Philippines

Nov 1998 – Mar 1999

**Foxpro Programmer**

Analyze the user's requirements, recommend and implement in Windows 9x the FIL-ANTHROP software (a software that determines the nutritional status of children in the Philippines).

Technologies used: Visual Foxpro, LAN Networking

Reference: Dr. Eliezer Albacea

**Institute of Computer Science – Employment**

UPLB, Laguna, Philippines

Jul 1997 – Oct 2000

**Assistant Professor**

Teach classes, manage classes and produce competent computer science students in the university (both undergraduate and graduate). I taught the ff subjects: Introduction to Computer Science, Principles of Programming, Design of Digital Computer Circuits, Design and Implementation of Programming Languages, and Advanced Programming Languages.

Assign the students making their thesis to the appropriate adviser.

Plan special social events for the faculty and staff of the Institute of Computer Science.

	<p>Platforms used: Pascal, BASIC, 8088 Assembly Language, FORTRAN 77, PL/I, C, Prolog, COBOL, dBase/Foxpro, Visual Foxpro, SQL, Java, Javascript, HTML. Contact person: Dr. Eliezer A. Albacea</p> <p><b>Asian Independence Inc. - Employment</b> Makati City, Philippines <span style="float: right;">May 1995 – May 1997</span> <b>Foxpro Programmer / IT Consultant</b> Analyze, recommend and implement a Database Management System for the company's HRD, Accounting, Point of sales, Salary disbursement and Product inventory, including IT procurement planning, and execution. Consultant for marketing and advertising. Lead a team of website developers through the implementation of website development projects. Develop systems using Foxpro on Apple Macintosh. Contact person: Mr. Leland Verceles</p> <p><b>International Students Services – Volunteer Work</b> UPLB, Laguna, Philippines <span style="float: right;">Oct 1994 – Apr 2004</span> <b>Head Volunteer</b> Lead a team of volunteers in helping foreign students adjust to the Philippine University setting. Organize sending/fetching of foreign students to/from the airport. Organize and implement Orientation Programs and Acquaintance parties. Help implement an annual University-wide Cultural Night Presentation. Organize and implement English tutorials. Hold dinner parties, Christmas parties, Valentine's parties for the foreign students. Organize hosting of foreign students during special holidays.</p> <p><b>Dept of Science &amp; Technology – Enhancing the NANO Expert System</b> Bicutan, Taguig, Philippines <span style="float: right;">Jun 1994 – Feb 1995</span> <b>Programmer</b> GUI programming of the NANO Expert System. It is a software which emulates an expert's advice and statistical analysis on experimental designs. Technologies used: Turbo Pascal, IBM DOS Reference: Dr. Eliezer Albacea</p> <p><b>Victory Christian Fellowship – Volunteer Work</b> Los Baños, Laguna, Philippines <span style="float: right;">Oct 1992 – May 1994</span> <b>Administrator / Finance Manager</b> Oversee and implement all church activities and projects, especially the logistics. Do IT procurement planning, and execution. Assistant to the Pastor. Accounts for the church's finances. Ministers to professionals and students.</p> <p><b>Computer Science Division - Employment</b> UPLB, Laguna, Philippines <span style="float: right;">Jun 1988 – Oct 1992</span> <b>Instructor</b> Taught lecture and laboratory Computer Science topics to undergraduate students. I taught the following subjects: Introduction to Computer Science, Principles of Programming and Design of Digital Computer Circuits. Did seminars and workshops on computer hardware maintenance. Reference: Dr. Eliezer Albacea</p>
<b>Education</b>	<p>1998 – stopped <span style="margin-left: 100px;">UPLB Graduate School</span> <span style="float: right;">UPLB, Laguna</span> <b>PhD in Computer Science</b></p>

	<p>Study was stopped. Finished almost all courses except dissertation and 1 theory subject.</p> <p>1989 – 1994 UPLB Graduate School UPLB, Laguna  <b>MS in Computer Science</b></p> <p>Thesis is on the comparison of a Neural Network Solution vs. Statistical Solution in recognizing handwritten characters. Both solutions were implemented and compared.</p> <p>1984 – 1988 Univ of Phils Los Baños College, Laguna  <b>BS in Statistics</b></p> <p>Special problem is development of a DOS-based software which simulates an expert in Experimental Designs for statistical analysis.</p> <p>1980 – 1984 Philippine Science High School Diliman, Q.C.  <b>High School Graduate</b></p>
<p><b>Published Research</b></p>	<p><b>An On-Line Handwritten Character Recognizer Using a Neural Network Simulation, 1994, De La Salle University</b>  December 2 &amp; 3, 1994, Gokongwei Hall, De La Salle University, 2401 Taft Ave., Manila</p>
<p><b>Professional Development</b></p>	<p><b>Fundamentals of Visualization with Tableau</b>  July 2023, Online  University of California, Davis / Coursera  <a href="#">Online Certificate</a></p> <p><b>Essential Design Principles for Tableau</b>  July 2023, Online  University of California, Davis / Coursera  <a href="#">Online Certificate</a></p> <p><b>Building Resilient Bots Using Automation 360</b>  August 2023, Online  Automation Anywhere University  <a href="#">Online Certificate</a></p> <p><b>Introducing Robotic Process Automation (RPA)</b>  June 2023, Online  Automation Anywhere University  <a href="#">Online Certificate</a></p> <p><b>IBM Data Analytics with Excel and R Professional Certificate</b>  May 2023, Online  IBM Skills Network, Coursera  <a href="https://coursera.org/verify/professional-cert/49KEKXKYRUZ9">https://coursera.org/verify/professional-cert/49KEKXKYRUZ9</a></p> <p><b>Data Science with R – Capstone Project</b>  May 2023, Online  IBM Skills Network, Coursera  <a href="https://coursera.org/verify/YFESS3ZANLR2">https://coursera.org/verify/YFESS3ZANLR2</a></p> <p><b>Data Visualization with R</b>  Feb 2023, Online  IBM Skills Network, Coursera  <a href="https://coursera.org/verify/LVSG8E6DR9L">https://coursera.org/verify/LVSG8E6DR9L</a></p> <p><b>Data Analysis with R</b>  Jan 2023, Online  IBM Skills Network, Coursera  <a href="https://coursera.org/verify/YHMX68AAXC6T">https://coursera.org/verify/YHMX68AAXC6T</a></p> <p><b>SQL for Data Science with R</b>  Dec 2022, Online  IBM Skills Network, Coursera</p>

	<p><a href="https://coursera.org/verify/FCRD5LSAMRFA">https://coursera.org/verify/FCRD5LSAMRFA</a></p> <p><b>Introduction to R Programming for Data Science</b> Nov 2022, Online IBM Skills Network, Coursera <a href="https://coursera.org/verify/TQ69GA86TWWR">https://coursera.org/verify/TQ69GA86TWWR</a></p> <p><b>Assessment for Data Analysis and Visualization Foundations</b> Nov 2022, Online IBM Skills Network, Coursera <a href="https://coursera.org/verify/3HVNDTWUMSA4">https://coursera.org/verify/3HVNDTWUMSA4</a></p> <p><b>Data Visualization and Dashboards with Excel and Cognos</b> Nov 2022, Online IBM Skills Network, Coursera <a href="https://coursera.org/verify/RBSRUTHNU9HW">https://coursera.org/verify/RBSRUTHNU9HW</a></p> <p><b>Excel Basics for Data Analysis</b> Oct 2022, Online IBM Skills Network, Coursera <a href="https://coursera.org/verify/7DPKQK5TN95G">https://coursera.org/verify/7DPKQK5TN95G</a></p> <p><b>Introduction to Data Analytics</b> Oct 2022, Online IBM Skills Network, Coursera <a href="https://coursera.org/verify/NKCR58SPYRNU">https://coursera.org/verify/NKCR58SPYRNU</a></p> <p><b>Transforming Data in R</b> Oct 2022, Online Coursera Project Network <a href="https://coursera.org/verify/CUQN3L8SF4CZ">https://coursera.org/verify/CUQN3L8SF4CZ</a></p> <p><b>Getting Started with R Studio</b> Oct 2022, Online Coursera Project Network <a href="https://coursera.org/verify/9GDJWEV4LB3L">https://coursera.org/verify/9GDJWEV4LB3L</a></p> <p><b>Training of Trainers/Coaching – Advisors’ Workshop</b> Apr 2007, New Delhi, India UNEP-GEF, TAP</p> <p><b>Training of Trainers/Coaching</b> May 2006, Bangkok, Thailand UNEP-GEF, UNITAR</p> <p><b>Training of Trainers/Coaching</b> Feb 2005, Kuala Lumpur, Malaysia UNEP-GEF, UNITAR</p> <p><b>Globus/Temenos T24, UniVerse/jBase Training</b> 2004, Manila, Philippines SOFGEN S.A.</p> <p><b>Banking Systems</b> 2004, Manila, Philippines SOFGEN S.A.</p> <p><b>Christian Leadership</b> 2003-2004, Laguna, Philippines Victory Christian Fellowship</p> <p><b>Leadership Lab</b> 1991 to 2000, Manila, Philippines Victory Christian Fellowship</p>
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<b>Career Vision</b>	To lead organizations and governments towards its objectives and goals, preferably those with relevance to helping the nations of the world in their economic and moral growth.
<b>DataViz Portfolio</b>	<a href="https://public.tableau.com/app/profile/edmund.revilla">https://public.tableau.com/app/profile/edmund.revilla</a>
<b>Trainer/Coach Portfolio</b>	<ul style="list-style-type: none"> <li>• BCH Regional Adviser: <ul style="list-style-type: none"> <li>○ <a href="https://www.unep.org/explore-topics/biosafety/what-we-do/capacity-building/bch-regional-advisers">https://www.unep.org/explore-topics/biosafety/what-we-do/capacity-building/bch-regional-advisers</a></li> <li>○ <a href="https://bch3-vle.unep.org/course/view.php?id=110">https://bch3-vle.unep.org/course/view.php?id=110</a></li> </ul> </li> <li>• Online Tutorials: <ul style="list-style-type: none"> <li>○ <a href="https://www.youtube.com/playlist?list=PLUKVXA0dbn5f5dbScjsfke0NMTp4Tme2h">https://www.youtube.com/playlist?list=PLUKVXA0dbn5f5dbScjsfke0NMTp4Tme2h</a></li> </ul> </li> <li>• Online Forum: <ul style="list-style-type: none"> <li>○ <a href="https://bch.cbd.int/onlineconferences/portal_art20/unep-gef/unep-gef_participants.shtml">https://bch.cbd.int/onlineconferences/portal_art20/unep-gef/unep-gef_participants.shtml</a></li> </ul> </li> <li>• Life Coaching: <ul style="list-style-type: none"> <li>○ <a href="https://studio.youtube.com/playlist/PLOQFA7ELvxTDN2dT5mVpV7kQZmR_LSsxta/videos">https://studio.youtube.com/playlist/PLOQFA7ELvxTDN2dT5mVpV7kQZmR_LSsxta/videos</a></li> </ul> </li> </ul>
<b>IT System Portfolio</b>	<ul style="list-style-type: none"> <li>• <a href="https://baytechph.com/">https://baytechph.com/</a> (My website as self-employed)</li> <li>• <a href="https://egam.dilg.gov.ph/">https://egam.dilg.gov.ph/</a> (DILG's online Goals Achievement Matrix system)</li> <li>• <a href="https://eldip.dilg.gov.ph/">https://eldip.dilg.gov.ph/</a> (DILG's online Local Development Investment Program system)</li> <li>• <a href="http://truvetta.baytechph.com/">http://truvetta.baytechph.com/</a> (Truvetta Corporation's Online Accounting System)</li> <li>• <a href="https://tpassess.adb.org">https://tpassess.adb.org</a> (ADB WEB-STAR project)</li> <li>• <a href="http://gis.baytechph.com/">http://gis.baytechph.com/</a> (Online GIS/Maps Databank for DENR)</li> <li>• <a href="http://dentalclinic.baytechph.com/">http://dentalclinic.baytechph.com/</a> (Online Dental Clinic System)</li> <li>• <i>Other developed IT systems are offline or available on their office's LAN server</i> <ul style="list-style-type: none"> <li>○ <i>ADB OAI's Integrity Risk Database system</i></li> <li>○ <i>Municipality of Cavinti's e-Government System</i></li> <li>○ <i>Dept of Env't and Natural Resources' Marine Turtle Database system</i></li> <li>○ <i>Dept of Agriculture's Monitoring and Evaluation System</i></li> <li>○ <i>Energy Development Corporation's Watershed Management Web Information System</i></li> </ul> </li> </ul>
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<b>Personal Info</b>	<u>Birthdate:</u> October 25, 1967 <u>Age:</u> 56      Married with 2 kids <u>Gender:</u> Male <u>Height:</u> 6 ft. 1 in. <u>Weight:</u> 175 lbs.
<b>Interests</b>	Bible study, biking, walking, swimming, forex trading
<b>Other skills</b>	Literate on most of the common computer software used in the office, touch typing, driving
<b>Character References</b>	Ms. Galiya Ismakova / Principal Procurement Specialist / (+63 2) 636-2444 / gismakova@adb.org PPFD, ADB Building, 6 ADB Ave, Ortigas Center, Mandaluyong City Mr. Gilbert Foliente / President / (+63 2) 817-1212 / info@victory.org.ph Every Nation Philippines, Taguig, Metro Manila

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