



Ramilo P. Mendoza

(CISSP | PCNSA | Security+ | JNCIA | CSQP)

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ABOUT ME

A Certified Information Systems Security Professional (CISSP), Software Quality Professional (CSQP), Palo Alto Networks Certified Security Administrator (PCNSA), Certified CompTIA Security+ (Security+), and Juniper Networks Certified Associate (JNCIA-Junos), I bring over 27 years of experience in the field of Information Technology. My expertise encompasses various areas, including software development using VB.NET and macro programming, Network Administration, Database Administration and Cyber Security. Throughout my career, I have been involved in Project Management and have successfully implemented initiatives related to Cyber Security, IT services, IT operation and maintenance, System Administration, Database administration, Network administration, Business Intelligence, Business Continuity Planning, Disaster Recovery, Change Management, and Incident Management.

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EXPERIENCE

Software Engineer, Market Application/ Transmission Engineer Specialist

IT/OT/Cybersecurity Consultant to National Grid SA –
National Control Centre (NCC - EMS/MMS) Project
DAR International Engineering Consultancy – Alfanar
(2012 – Present)

Technical support in the operation and maintenance of EMS and MMS system and provides recommendation and solution on issues/ incidents regarding Cyber Security, IT Infrastructure, Database, Network, Hardware and running applications.

Performs System Administration, Database Administration and Network Administration Firewall Administration (PA/ASA) for Market Management System and Energy Management System.

Prepare technical documents, design specifications and scope of work. Project management and Implementation of IT related projects such as Automatic Metering System – Meter Data Management (AMS-MDM), Data Historian and Cyber Security Enhancement of National Control Center.

Performs Cyber Security Assessment, Implementation and monitoring including review of the existing security policy and make necessary adjustments if required. Prepared design on the Cyber-Security Project for National Control Centre of National Grid of SA.

Team Consultant for both Energy Management System and Market Management System Project for the National Control Centre of Kingdom of Saudi Arabia.

Participation in Factory Acceptance Test for EMS and MMS Systems in General Electric (Alstom) Office in Massy France.

Recommends and Implements security controls based on the approved security policies for NCC.

Projects:

1. Project Management of Cyber Security Enhancement Project to comply with ISO27001, NERC-CIP and National Cyber Security in Saudi Arabia
2. National Control Center Project (MMS & EMS)
3. Meter Data Management Project
4. Data Historian/Business Intelligence Project
5. Renewable Energy Project



SKILLS

SOFTWARE/ DEVELOPMENT

VB.NET	
C#	
HTML5, CSS, Javascript, PHP	
MACRO PROGRAMMING	

NETWORK ADMIN AND SECURITIES

CISCO ASA	
CISCO ROUTER/SW	
PALO ALTO	
SolarWinds	
Forescout-NAC	
Splunk-SIEM	
Senhasegura-PAM	
Nessus-VA	

Cyber Security

Penetration Test	
ISO 27001-02	
NERC-CIP	
NCA	

DATABASES

ORACLE	
MSSQL	
MYSQL	

MICROSOFT WINDOWS

ACTIVE DIRECTORY	
CLUSTERING	

Software Senior Engineer

Philippine Electricity Market Corporation – IOMD
(2005 – 2012)

Operates Market Management System supplied by ABB for Wholesale Electricity Market Operator and Participants.

Supervises and leads the software development team for the successful design, development and implementation of requested system. Recommends software solutions to the process-owners/users.

Design, develop, enhance, implement and manage interface programs/In-housed developed application for Energy Management System (EMS) of System Operation (Transco) and Market Management System (MMS) of PEMC-WESM using Visual Basic front-end and MS SQL and Oracle as back-end.

Conducts Systems Analysis and Design. Reviews, develops, and designs data models using standard diagramming techniques.

Assists process-owners/users in the preparation of Functional Specifications; Technical Specifications; and Request for Proposal Requirements and Project Information Sheet.

Assists the Software Test Engineers and provides inputs to the development of test and Quality Control (QC) procedures.

Undertakes the deployment and change to production environment.

Undertakes research on technology updates to determine the most suitable computer software to obtain the most effective system performance.

Evaluates technical and financial feasibility of software development projects.

Develops and maintains software coding standards, re-usable algorithms, modelling tools, documentation procedures and manuals; evaluates software development languages.

Provide 24/7 immediate technical assistance/support on an "ON CALL" basis for Market Management System (MMS) - Unix AIX and Tru64, Oracle 9i.

Respond to issues /concerns raised regarding MMS and public/secured website access, MMS related inquiries during shift and staff work were either resolved or escalated to lead person within one business day.

Maintenance of Windows NT servers, desktop, hardware/software used by Market Management System.



DNS, IIS, DHCP

OFFICE



UNIX

REDHAT

CENTOS



STORAGE AND BACKUP

DELL NETVAULT

SYMANTEC EXEC

ACRONIS



EDUCATION

Bachelor of Science in Information Technology (BS-IT)

Polytechnic University of the Philippines – Sta. Mesa

Computer System Design & Programming (CSDP)

AMA Computer Learning Center
Mandaluyong - Philippines

Secondary Education:

Agno Valley College
Pangasinan, Philippines

Personal Information

Born 17 February 1975 Filipino,
Male, Married

Generates Ad-Hoc/statistical reports using database software products for business applications and queries requested by the management or general public/ participants.

Plan and issue annual renewal of server security certificates and digital certificates to market participants.

Technical Working Group for Strategic and Business Continuity Planning.

Participates in the certification process and audit preparation for ISO27001.

Projects:

1. Wholesale Electricity Spot Market
2. Accounting System Development

Senior Clerk/Senior Programmer

National Power Corporation – Philippines
(1995 - 2005)

Application system design and development of in-house systems based on approved design

Systems Developed:

- Vendors Accreditation System - monitors the products of a accredited suppliers. It also uses to accredited/blacklisted the specified vendor. Currently use by Materials Management Department.
- Purchase Requisition System - a standalone system that monitors/prepares Purchase Requisition.
- Previous Purchase System - use for inquiries of previous purchases of specified items.

Assists in the maintenance of ISG-Local Area Network, hardware, cablings and conduct periodic anti-virus maintenance of network workstations.

Involves in implementation of Computerized Materials Management System/Plant Maintenance System (CMMS/PMS) of performs Preventive and Corrective Maintenance of computer hardware facilities and its peripherals.

Maintains and updates system libraries and generates reports, including database manipulation/extraction. Preparation of System Documentation and other materials for orientation/training of users. Extraction of database for the statistics tables including preparation of statistical reports.

Attends to inquiries on PR/PO/IO status by various groups and generates requested reports for submission to groups concerned.



Modification of existing programs for Procurement Monitoring System.

Junior Programmer

Tryco Pharmaceutical Corporation
(1994)

Develops module of Inventory system.
Conduct interviews to end-user to gather their requirements.

Development Tool - Clipper Summer '87

Trainings

Foreign Trainings:

1. Certified Information Systems Security Professional (CISSP) – Riyadh, K.S.A.
2. Palo Alto Networks Firewall 10.1 Essentials Configuration and Management (EDU-210) - Riyadh, K.S.A.
3. CompTIA Security+ – Riyadh, K.S.A.
4. Tenable.sc Specialist – Riyadh, K.S.A.
5. Tenable.sc Continuous View Event Analysis and Reporting – Riyadh, K.S.A.
6. Solarwinds– Riyadh, K.S.A.
7. Veritas NetBackup 8.3 - Riyadh, K.S.A.
8. Red Hat System Administration I - Riyadh, K.S.A.
9. VMWare – Riyadh, KSA
10. Automatic Metering System - Meter Data Management - Riyadh, K.S.A.
 - AMS-MDM System Design and Structure
 - Converge Data Acquisition/Meter Definitions
 - Converge Data Processing
 - Converge Reports
 - W1000 System Administration
 - W1000 System Operation/Reports and Calculations
 - User Defined Calculation
 - Daily Tasks and usage of the system - Workshop
11. E-terramarket and E-terraSettlement – Riyadh, K.S.A.
12. Introduction to E-TERRA Habitat/E-TERRA Platform - Riyadh, K.S.A.
 - SCADA and Alarm Features
 - Building Full Graphic Display using E-TERRA Browser
 - Introduction to E-TERRA Source
 - Building a substation model using E-TERRA Source
13. NetVault Backup v8.5 Implementation and Administration (NAM) (U.S.A.)

Philippine Trainings:

1. Designing and Managing a Windows Public Key Infrastructure PKI (Eudopro and Microsoft Certificate)
2. Introduction to ISO/IEC 27001 Information Security Management System (ISMS)



Certified Software Quality Professional

3. [Oracle Database 10G: Program with PL/SQL Ed 2](#)
4. [Oracle Database 10G: Introduction to SQL Ed 2](#)
5. [Oracle Data Integrator: Administration and Development](#)
6. [Java Programming: Hands-On \(Level 1\)](#)
7. [Java Programming: Hands-On \(Level 2\)](#)
8. [Java Servlets, JSP, and Struts: Hands-On \(Level 3\)](#)
9. [Windows 2000 Network & Operating System Essentials](#)
10. Quality Metrics & Measurement (Pre-requisite for Certified Software Quality Professional)
11. Software Quality Audits (Pre-requisite for Certified Software Quality Professional)
12. Agile Software Testing (Pre-requisite for Certified Software Quality Professional)
13. Software Test Automation (Pre-requisite for Certified Software Quality Professional)
14. Test Metrics (Pre-requisite for Certified Software Quality Professional)
15. Software Test Management and Test Process Improvement
16. Software Quality Models and Standards (Pre-requisite for Certified Software Quality Professional)
17. Software Quality Assurance Principles and Applications
18. Process Architecture Management and Optimization Models (Pre-requisite for Certified Software Quality Professional)
19. Structured and Agile Software Testing (Pre-requisite for Certified Software Quality Professional)
20. Stakeholder Relations and Service Excellence Program
21. IBM FileNet P8 ECM, Capture, BPM and EForms BootCamp
22. Image & Skills Enhancement Workshop
23. Communiq8 IT's Technical Writing Program
24. Actualizing Life's Ideals Through Values Enhancement (ALIVE) Seminar
25. On-line Warehouse Operation System (OWOS) Installation & Orientation Seminar
26. Orientation Seminar On Project Procurement Management Plan [PPMP]
27. Options, Opportunities and Personal Success Seminar
28. Better Driving Course
29. CMMS/PMS Fiber Optic /Data Communication
30. ISO 9000/TQM Awareness Seminar
31. 5S+1 Good House Keeping Seminar
32. CMMS/PMS Project Networking Training
33. CMMS/PMS Project Imagelink Training
34. CMMS/PMS Project MIMSVU Training
35. PC-Based Office Productivity Tools (Microsoft Office '95)
36. Novell Netware v. 4. 1 User's Basic
37. Windows 3.11 Training
38. Programmer Trainee
39. Participation in Metro Manila Youth Skills Olympics in Computer Programming
40. First Aid Training - For Office Employees
41. Basic Life Support - CPR Training for Lay Rescuers



Online Trainings:

1. Juniper Networks Certified Associate – Junos Training
2. [Cyber Security Online](#) Course
3. The Complete [Ethical Hacking](#) Course
4. Cisco [CCNA 200-120](#) - The Complete Course
5. Complete [Web Developer](#) Course
6. CentOS and Red Hat Linux to Certified System Administrator
7. [Project Management](#) Fundamentals
8. Agile [Project Management](#) Essentials
9. [ITIL 2011 Edition Foundation](#) - Service Strategy Fundamentals
10. [MySQL Database](#)
11. [Linux](#) Command Line Basics Online Course
12. CentOS and Red Hat Linux to Certified System Administrator
13. 210W-05 ICS Cybersecurity Risk
14. ICS Cybersecurity Vulnerabilities Certificate
15. Differences in Deployment of Industrial Control Systems
16. Cybersecurity Practices for Industrial Control Systems Certificate
17. Influence of IT Components on Industrial Control Systems
18. Common ICS Components
19. Common Cybersecurity Within IT and ICS Domains
20. Attack Methodologies in ICS
21. ICS Cybersecurity Threats
22. Cybersecurity Consequences
23. Mapping IT Defense-in-Depth Security Solutions to ICS - Part I
24. Mapping IT Defense-in-Depth Security Solutions to ICS - Part II
25. ICS Cybersecurity Landscape for Managers
26. Malware and Ransomware
27. A Guide to Incident Reporting
28. A Guide to Physical Security
29. Email Security on Mobile Devices
30. Introduction to Phishing
31. Introduction to Phishing
32. Password Management
33. Safer Web Browsing
34. Social Engineering

