



## Ramilo P. Mendoza

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

7525 Athib Street, An Nashim Ash  
Sharqui, Riyadh 14245-3435

Mobile#: +966-567026215

[rp007mendoza@gmail.com](mailto:rp007mendoza@gmail.com)  
[ramilo.mendoza@dar-engineering.com](mailto:ramilo.mendoza@dar-engineering.com)  
[rpmendoza@se.com.sa](mailto:rpmendoza@se.com.sa)  
<https://ramilmendoza.github.io/cv>  
<https://www.linkedin.com/in/ramilo-mendoza-2b6ab931/>

### ABOUT ME

*Highly accomplished IT professional with 28+ years of experience in both IT and OT security. Possesses industry-recognized certifications (CISSP, CEH, PCNSA, Security+, JNCIA-Junos, CSQP) and extensive expertise in cybersecurity, network administration, software development (VB.NET & macros), and database administration. Proven track record in project management with successful implementations in cybersecurity, IT services, operations & maintenance, and various IT disciplines.*

### SKILLS

- Cyber Security and Network Administration: Deep knowledge of Cisco ASA, Routers/Switches, Palo Alto firewalls, network management tools (SolarWinds, ForeScout NAC), security information and event management (Splunk SIEM), privileged access management (Senhasegura PAM), and vulnerability assessment (Nessus VA).

# RAMILO P. MENDOZA

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

### 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 for Engineering Consultancy/Alfanar](#)  
(2012 – Present)

Technical Support: Providing solutions and recommendations for cybersecurity, IT infrastructure, database, network, hardware, and application issues.

System, Database, and Network Administration: Managing Market Management Systems (MMS) and Energy Management Systems (EMS) including firewall administration (Palo Alto/ASA).

Project Management and Implementation: Leading IT projects such as Automatic Metering System (AMS) – Meter Data Management (MDM), Data Historian, National Control Center Project (MMS & EMS), National Control Center cybersecurity enhancement to comply with ISO27001, NERC-CIP and National Cyber Security in Saudi Arabia

Cybersecurity Expertise: Conducting security assessments, implementing security measures, monitoring systems, and recommending policy adjustments for compliance (ISO 27001, NERC-CIP).

Team Leadership and Consulting: Serving as a team consultant for National Control Center projects and participating in Factory Acceptance Testing.

## 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.



Possess experience in penetration testing and adherence to security standards like ISO 27001, NERC-CIP, and NCA.

- Software Development: Proficient in VB.NET, C#, HTML5, CSS, Javascript, and PHP, along with macro programming capabilities.
- Databases: Proven ability to work with Oracle, MSSQL, and MySQL databases.
- Microsoft Windows: Expertise in Active Directory, clustering, DNS, IIS, DHCP, and Office suite.
- Unix: Experience with RedHat and CentOS operating systems.
- Storage and Backup: Knowledge of data backup solutions including Dell NetVault, Symantec Backup Exec, and Acronis.

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.

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 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 accredited suppliers. It 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



Certified Software Quality Professional

## Trainings

1. 2023-10-25 - Cyber Security Expert Masters Program – Riyadh, K.S.A.
2. Certified Ethical Hacker Training (CEHv12) EC-Council – Riyadh, K.S.A
3. Offensive Security Certified Professional Training (OSCP) – Riyadh, K.S.A
4. Certified Information Systems Security Professional (CISSP) – Riyadh, K.S.A.
5. Palo Alto Networks Firewall 10.1 Essentials Configuration and Management (EDU-210) - Riyadh, K.S.A.
6. CompTIA Security+ – Riyadh, K.S.A.
7. CompTIA Network+ – Riyadh, K.S.A.
8. Tenable.sc Specialist – Riyadh, K.S.A.
9. Tenable.sc Continuous View Event Analysis and Reporting – Riyadh, K.S.A.
10. Solarwinds– Riyadh, K.S.A.
11. Veritas NetBackup 8.3 - Riyadh, K.S.A.
12. Red Hat System Administration I - Riyadh, K.S.A.
13. VMWare – Riyadh, KSA
14. 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
15. E-terramarket and E-terraSettlement – Riyadh, K.S.A.
16. 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
17. NetVault Backup v8.5 Implementation and Administration (NAM) (U.S.A.)
18. Designing and Managing a Windows Public Key Infrastructure PKI (Eudopro and Microsoft Certificate)
19. Introduction to ISO/IEC 27001 Information Security Management System (ISMS)
20. Oracle Database 10G: Program with PL/SQL Ed 2
21. Oracle Database 10G: Introduction to SQL Ed 2
22. Oracle Data Integrator: Administration and Development
23. Java Programming: Hands-On (Level 1)
24. Java Programming: Hands-On (Level 2)
25. Java Servlets, JSP, and Struts: Hands-On (Level 3)
26. Windows 2000 Network & Operating System Essentials
27. Quality Metrics & Measurement (Pre-requisite for Certified Software Quality Professional)
28. Software Quality Audits (Pre-requisite for Certified Software Quality Professional)



29. Agile Software Testing (Pre-requisite for Certified Software Quality Professional)
30. Software Test Automation (Pre-requisite for Certified Software Quality Professional)
31. Test Metrics (Pre-requisite for Certified Software Quality Professional)
32. Software Test Management and Test Process Improvement
33. Software Quality Models and Standards (Pre-requisite for Certified Software Quality Professional)
34. Software Quality Assurance Principles and Applications
35. Process Architecture Management and Optimization Models (Pre-requisite for Certified Software Quality Professional)
36. Structured and Agile Software Testing (Pre-requisite for Certified Software Quality Professional)
37. Stakeholder Relations and Service Excellence Program
38. IBM FileNet P8 ECM, Capture, BPM and EForms BootCamp
39. Image & Skills Enhancement Workshop
40. Communiq8 IT's Technical Writing Program
41. Actualizing Life's Ideals Through Values Enhancement (ALIVE) Seminar
42. On-line Warehouse Operation System (OWOS) Installation & Orientation Seminar
43. Orientation Seminar On Project Procurement Management Plan [PPMP]
44. Options, Opportunities and Personal Success Seminar
45. Better Driving Course
46. CMMS/PMS Fiber Optic /Data Communication
47. ISO 9000/TQM Awareness Seminar
48. 5S+1 Good House Keeping Seminar
49. CMMS/PMS Project Networking Training
50. CMMS/PMS Project Imagelink Training
51. CMMS/PMS Project MIMSVU Training
52. PC-Based Office Productivity Tools (Microsoft Office '95)
53. Novell Netware v. 4. 1 User's Basic
54. Windows 3.11 Training
55. Programmer Trainee
56. Participation in Metro Manila Youth Skills Olympics in Computer Programming
57. First Aid Training - For Office Employees
58. Basic Life Support - CPR Training for Lay Rescuers
59. Juniper Networks Certified Associate – Junos Training
60. Cyber Security Online Course
61. The Complete Ethical Hacking Course
62. Cisco CCNA 200-120 - The Complete Course
63. Complete Web Developer Course
64. CentOS and Red Hat Linux to Certified System Administrator
65. Project Management Fundamentals
66. Agile Project Management Essentials
67. ITIL 2011 Edition Foundation - Service Strategy Fundamentals
68. MySQL Database
69. 210W-05 ICS Cybersecurity Risk
70. ICS Cybersecurity Vulnerabilities Certificate
71. Differences in Deployment of Industrial Control Systems



Certified Software Quality Professional

72. Cybersecurity Practices for Industrial Control Systems Certificate
73. Influence of IT Components on Industrial Control Systems
74. Common ICS Components
75. Common Cybersecurity Within IT and ICS Domains
76. Attack Methodologies in ICS
77. ICS Cybersecurity Threats
78. Cybersecurity Consequences
79. Mapping IT Defense-in-Depth Security Solutions to ICS - Part I
80. Mapping IT Defense-in-Depth Security Solutions to ICS - Part II
81. ICS Cybersecurity Landscape for Managers
82. Malware and Ransomware
83. A Guide to Incident Reporting
84. A Guide to Physical Security
85. Email Security on Mobile Devices
86. Introduction to Phishing
87. Introduction to Phishing
88. Password Management
89. Safer Web Browsing
90. Social Engineering

