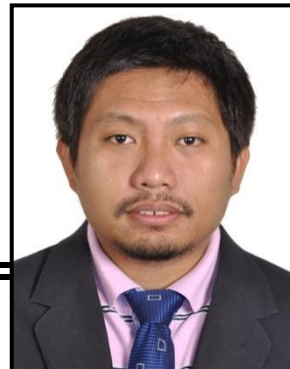

Garry M. Cacho

Current Address:

San Nicolas Dapitan City, Philippines

Mobile: +63 977 520 2447

Email: gc120978levelup1@gmail.com



Position: Full Stack Developer

SUMMARY OF QUALIFICATION

A highly motivated and results-oriented web developer, with good interpersonal and communication skills and an extensive experience of **5 years web development**.

Skills in Programming

Languages:

- Javascript
- HTML
- CSS
- Delphi
- Java for Android Studio
- C# Visual Studio

Stack Knowledge:

- MERN (Mongo, Express, React, Node.js)
- PERNS (PostgreSQL, Express, React, Node.js, Sequelize)
- LAMP (Linux, Apache, MySQL, PHP)
- jQuery and ASP.Net

Operating System Handled

- Ubuntu-Linux Server 14.0
- Windows Server 2008
- Android

Process Instruments:

- Radar, Ultrasonic, Guided Wave, Capacitive and Nuclear Level and Delta Pressure Transmitters.
- Magnetic, Ultrasonic and Delta P Flow Transmitters.

DCS Protocol Proficiency:

- Profibus
- Hart
- Foundation Fieldbus

SCADA Systems:

- Modbus
- DNP3
- IEC61850

Analyzers:

- ABB Analyzer for SO₂, SO, NO_x
- Wobbe Index Analyzers
- Mass Spectrometer

PROFESSIONAL WORK EXPERIENCE

- **Full Stack Web Developer (Nov 2016-present)**

Company: JAED Technologies Cebu Co.,

Fuente Osmena, Cebu City, Philippines

Software Development Department

Job Description:

- Manage the deployment of Distribution Information System (DIS)
- Manage database integration between DIS software and existing client billing servers like MS-SQL, MySQL, MongoDB, BTreive and Pervasive SQL
- Respond to client technical issues related to Distribution Information System
- Marketing of Distribution Information System
- Integrate Supervisory Control and Data Acquisition System to DIS
- Data analysis on DIS simulation results
- Produce predictive analysis on future power load contracts with NGCP and client
- Electrical Drives Parameterization
- Protective Relay Programming
- Electrical Meter Programming

Project Accomplished:

ZANECO, BANELCO, CEBECO 1, CEBECO 3, SUKELCO, SURSECO 1, SURSECO 2, NORECO 1, ELICO 3, LEYECO 2, LEYECO 4, ESAMELCO, GUIMELCO, NECECO, NONECO, NUVELCO, ISELCO

- ***Electrical and Automation Specialist (Nov 2010-Oct 2016)***

**Company: Danieli & C. Officine Meccaniche SpA, Head Office @Buttrio, Italy
DRP Commissioning (Electrical & Instrumentation Dept.)**

Job Description:

- Support for Siemens PCS7 DCS system for software and hardware configuration
- Performs native window HMI, CFC (Engineering Logic) and Safety Matrix Programming.
- Maintains MSSQL Database for Historical Events and Analog Data logs.
- Modify vendor specified operation logics as per process engineer specifications
- Modify control logics based on P&I Diagram.
- Remote I/O testing and commissioning
- Electrical Drives Parameterization
- Protective Relay Programming
- Electrical Meter Programming

Site Activities and Experience:

- Parameterization of Hart Field Bus Protocol instrument using Emerson Communicator.
- Parameterization of Profibus PA and DP Protocol using Siemens PDM through PG/PC Communicator
- Pneumatic Control Valve Tuning and Stroke Testing
- Hydraulic Proportional Valve Tuning and Stroke Test
- Electrical Instrumentation and Process Instrumentation loop check
- Instrument Calibration using Beamex Multipurpose Calibration Bench
- Installation Quality Control
- Troubleshooting and Maintenance

Project Accomplished:

**Suez Steel Company (Suez, Egypt) 1.9MT/year LNG-DRI & Smelting Plant
Emirates Steel Industries (Abu Dhabi, UAE) 1.6MT/year LNG-DRI & Smelting**

- ***Electrical and Instrumentation Engineer (Aug 2008 - Oct 2010)***

Company: M.S. Al-Suwaidi Industrial Services, Kingdom of Saudi Arabia

Job Description: Site supervision, Reporting and Documentation, Planning and Technical support.

Creation of shop drawings using AutoCad. Evaluation of Saudi Aramco drawings in Microstation. Testing and Commissioning of H2S and LEL gas detector and Siemens XLS Firefinder control panel and field detectors. Erection, Commissioning of low voltage pump electrical switchgear.

Site Activities and Experience:

- Parameterization of Hart instrument using Emerson Communicator.
- Commissioning of Remote I/O
- Commissioning of Analyzer Shelter
- Pneumatic and MOV Stroke Test
- Loop Checking
- Maintenance Planning
- Preparation of internal RFI
- Preparation of TQ and Sketches
- Preparation of As-built Drawings
- Live interfacing of the new and existing control system.

Project Accomplished:

Saudi Aramco Refinery, Yanbu, K.S.A.

- a. Oil and Gas Refinery Gas Detection System (H2S and LEL Detection System).
- b. Installation of Seimens XLS Firefinder system for Fire Detection.
- c. Bulk Plant Expansion

• ***Technical Services Engineer (Apr 2004- Aug 2008)***

Company: Cebu I Electric Cooperative, Incorporated

Job Description: Substation Control and Monitoring System, Digital revenue meter programming,

Distribution System Loss simulation using SynerGee by Stoner Associates. Power Factor Correction in Radial Distribution System.

Special Project Accomplished:

- a. Substation Monitoring and Control via virtual private network using Microsoft.Net 2 technology and Code Gear Delphi.
- b. Facilities and Asset Mapping using AutoCad Map 3D and C++ based Object ARX.
- c. Energy loss reduction measured by selective capacitor banking placement and SynerGEE software.

- ***Instrument Calibration Engineer (Jan 2003- Mar 2004)***

Company: Halsangz Plating Cebu Corporation (a Japanese Company)

Job Description: Repair, installation and calibration of digital temperature controllers, sensors,
Current detectors, voltage detectors, pressure controllers and transducers, digital timers.

Special Project Accomplished:

- a. Establishment of Calibration Records Archiving using Microsoft SQL Server Database and Delphi Programming.
- b. Establishment of standard operating procedure in repair and maintenance of temperature sensors and current detectors.

Preventive Maintenance Technician (Jan 2002 – Jan 2003)

Company: Halsangz Plating Cebu Corporation

Job Description: Programmable Logic Control programming and maintenance (Omron Brand),

Maintenance of poly-phase induction motors, pumps, rectifiers.

Special Project Accomplished:

- a. Lead in the rehabilitation of damaged Programmable Logic Control of Anodizing Line due to electrical fault during voltage flicker.
- b. Establishment of Machine Qualification Standard in the procurement of Electrical Machineries.

PERSONAL DATA

License: Registered Electrical Engineer (REE)

Philippine Regulatory Commission # 0029382

Philippine Regulatory Commission Registered Electrical Engineering Board

Exam. Rating: 84.15%

College: Bachelor of Science in Electrical Engineering

**Mindanao State University-Iligan Institute of Technology, Philippines
(MSU-IIT)**

1996 – 2001

Birth Date: December 9, 1978

Status: Married

Sex: Male

Nationality: Filipino

Language: English, Filipino

Height: 5 ft. 6 in.

Weight: 85 Kg.
