**JAC**

[**JAC.372886@2freegmail.com**](mailto:JAC.372886@2freegmail.com)

Date of Birth: July 7, 1991

Civil Status: Single

Nationality: Filipino

Visa Status: Visit Visa until November 15, 2017

Notice Period: Available Immediately

**Summary** Four years combined experience on Engineering, Procurement, and Construction (EPC) in the field of oil & gas, shipbuilding, telecommunication, healthcare institution, and commercial establishments; with a background in installation, operation and maintenance of electrical equipment; Registered Electrical Engineer in the Philippines; With Revit MEP Certificate; With Attested Documents

**Work Experience**

**Wuhan Fiberhome International Technologies Philippines, Inc.** March 2017 - August 2017

Outside Plant Design Engineer

Work Involved:

* Conduct site survey for the engineering design of fiber optic route on Philippine Long Distance Telephone, Inc. (PLDT) clients
* Prepare detailed engineering design of fiber optic cable route in compliance to design standards and specifications
* Coordinate with Project Engineers to ensure the quality of designs, project status and planning

**Fluor Daniel, Inc.** February 2016 - February 2017

Electrical Designer

Work Involved:

* Provide complete electrical heat tracing design for pipe freeze protection application using mineral insulated and self-regulating cables, tube bundles ambient control and buffered design
* Utilize piping isometrics, line designation tables, P&ID’s for electrical heat trace design information and determine the best location of power points and RTD’s
* Provide Engineering Work Package Designs such as Power Points and RTD’s Layout, Power and Cable Schedule, Controller Wiring Diagram, Distribution Panel Schedule and Communication Cable Schedule

**Keppel Singmarine Philippines, Inc.** April 2015 - February 2016

Electrical Design Engineer

Work Involved:

* Create Master Cable Schedule, Lighting Lux Level Calculations and Electrical Design Drawings such as Cable Tray Routing, Cable Routing, Electrical Panel Disposition, Lighting Disposition and Internal Communication Systems (PAGA)
* Review vendor drawings for the 3D modeling of electrical equipment
* Provide technical support for the site team with regards to the Automatic Cable Routing of Smart Marine 3D (SM3D)
* Communicate with the Project Leads at Keppel Singmarine (Singapore) for the progress of the project

**Oslo Elektro-Nic A/S (Norway)** July 2013 - December 2014

Electrical Engineer

Work Involved:

* Create electrical drawings and diagrams based on design specifications
* Install electrical systems, wiring, lighting and electrical heating for private houses, healthcare institutions and commercial establishments
* Inspect completed installations and observe operations to ensure conformance to design and equipment specifications and compliance with operational and safety standards
* Conduct Insulation Resistance Test (Megger) to identify and correct power system problems

**National Grid Corporation of the Philippines** April 2011 - June 2011

Maintenance and Testing Division (On-the-job trainee)

Work Involved:

* Assist in preventive maintenance of high voltage equipment in a substation
* Analyze test results and calibrate high voltage equipment

**Educational Background**

2007 - 2012 **Mindanao State University - Iligan Institute of Technology**

Bachelor of Science in Electrical Engineering

Department of Science & Technology Academic Excellence Awardee

Thesis: Substation Design for MSU-IIT Electrical Distribution System (Special Citation, Annual In-House Review of Research Projects 2012)

2003 - 2007 **Philippine Science High School - Central Mindanao Campus**

Mathematics Trainers’ Guild Philippines Qualifier

Cadet Private, Citizen Army Training (2007)

Research Paper: Remote Controlled Alternate Switching Device

(1st place, Science, Mathematics and Technology Fair 2007)

**Trainings, Seminars and Courses Attended**

April 1, 2017 - May 6, 2017 Building Information Modeling (Autodesk Revit MEP) Training, Microcadd Institute Inc. Cebu

March 18, 2017 Technical Seminar with the topic of “Electrical Safety Standard and Practices in Commercial/Institutional Establishments and Industrial Facilities for the Prevention and Control of Electrical Fire”, Institute of Integrated Electrical Engineers of the Philippines - CEBU CHAPTER

June 10, 2016 Project Management Workshop - Professional Development, Impression Management-Personality Development and The Value of Volunteerism-Community Development of Graduates Advancing to Professionalism (GAP) 2016, Fluor Daniel, Inc. - Philippines

April 6 -10, 2015 Smart Marine 3D (SM3D) Software Training, Keppel Singmarine

Philippines, Inc.

February 28, 2015 Technical Seminar with the topic of “Safety Measures for the Prevention and Control of Electrical Fire in Commercial/Institutional Buildings & Industrial Plants/Facilities”, Institute of Integrated Electrical Engineers of the Philippines - CEBU CHAPTER

August 2013 - June 2014 Norwegian Language Course, Oslo Voksenopplæring Rosenhof

(Norway)

December 1, 2012 Technical Seminar with the topic of “Introduction to Fault Current Calculations for Industrial & Commercial Power Systems”, Institute of Integrated Electrical Engineers of the Philippines - CEBU CHAPTER

**Achievements** Successfully passed the Registered Electrical Engineer Licensure Examination (September 8-9, 2012)

Department of Science and Technology - Science Education Institute Republic Act 7687 Scholar (2007-2012)

Philippine Science High School Scholar (2003-2007)

**Language** Fluent in spoken and written Filipino and English

Good in spoken and written Norwegian

**Technical Skills** Proficient in Smart Marine/Plant 3D (SM3D/SP3D), MicroStation V8/V8i, AutoCad, Dialux, Revit MEP, SmartSketch, Roxtec, CompuTrace, OptiWin3D and Microsoft Office

Knowledgeable in Megger, Doble M4100, Dissolved Gas Analysis (DGA) and Fluke Thermal Scanner

**Interests / Activities** [Institute of Integrated Electrical Engineers](http://iiee.org.ph/) (IIEE), Member, 2012 - Present

Interest include: Sports (Basketball, Volleyball, Football, Road Cycling and Softball), Traveling with family and friends, Social volunteer works