

## **FREDERICK R. DOMINGUEZ**

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Date of Birth: July 03, 1973

Nationality: Filipino

Passport No. EC5333216



### **Professional Goal**

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To work in a dynamic and stimulating organization where I can utilize my supervisory and technical skills preferably in the Engineering industry that offers career development and opportunity for progression; and to contribute to the development and excellence of the company.

### **Relevant Experience and Skills**

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- Has twenty one years of solid Telecommunication experience; including installation, commissioning, troubleshooting and systems integration.
- Major projects include system upgrades in EK Engineering Building (Hangar A-G) Etisalat Telecom, du Telecom, Nokia Siemens Network, Globe Telecom, Sun Cellular, Smart Telecom, plus other communication service provider.
- Supervision of projects, team leaders, equipment and system application.
- Install rectifier and flexi IBS equipment (Nokia and Siemens Network)
- Installation of Transmission Equipment (Microwave Radio and BTS)
- Installation of Telecommunication Equipment / Systems (Huawei 2G and 3G, Nokia 2G)
- Installation of rectifier and flexi IBS equipment (Nokia and Siemens network)
- Installation of Distribution Breaker and External Alarm
- Assist in the preparation of BOQ for the projects.
- Survey of equipment layout (Nokia BTS – 2G and 3G, Hybrid coupler and diplexer).
- Technically oriented: resourceful in problem solving and strategic planning to alleviate problems
- Excellent communication skills.
- Excellent interpersonal, leadership and motivational skills.
- Proficient in written and spoken English.
- Proficient in MS Office Program Application.
- Hard working and goal oriented

## Professional Experience

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### **Ericsson Philippines Inc.**

Feb 2019- Present

29<sup>th</sup> floor, Twenty-five seven McKinley  
Building 7<sup>th</sup> ave. cor. 25<sup>th</sup> St. Bonifacio  
City, Taguig City  
Position: QA and OHS Engineer

- In charge of quality installation of Active project/ FTK/ DC power/ IBS project and MW project for Smart project)
- Does quality audit of site before endorsing for acceptance of customer.
- In charge of training for subcontractors regarding quality standard approved by customer in order to see quality of work before sites are mobilize.
- Inspects onsite/ offline of OHS' working onsite

### **Philko Ubins**

Nov. 2018- Feb 2019

301D Renaissance tower Meralco Ave.,  
Pasig City  
Position: Project Engineer

#### Duties and Responsibility as IBS (DAS) Implementation Engineer

- In charge of surveying sites of Globe projects (SST/SWAT/guyed tower).
- In charge of implementation of Civil work in Globe telecom project
- Fixes BOQ of materials to be used
- Coordinates with customer and building owners of sites if there are issues.
- In charge of site inspection if it is ready and work quality before endorsing the site for acceptance of customer.

### **Nokia Middle East**

Sep 2014-Jun 2018

Dubai Internet City, Dubai, UAE  
Position: IBS Implementation Engineer

#### Duties and Responsibility as IBS (DAS) Implementation Engineer

- Responsible for Project Implementation of In-Building Solutions (IBS)
- Arranging the preparation of materials and supports Partners with full instructions and detailed information
- Coordination with Building Management towards project implementation, access and work plan
- Prepare & Submit the BOQ
- Coordinate with Partner for supervision of the Technical Site Survey (TSS)

- Follow-up materials needed with the procurement department and arranged material at site to complete the site on-time.
- Coordinate with Partner for supervision of sub-contractors in the implementation of indoor solutions and coordinate with the building owners regarding the requirement needed for the design of IBS-solutions.
- Assist in the preparation of CAD regarding the equipment rooms, transmission, and BTS rooms needed for each IBS sites.
- Responsible for Daily Performance monitoring of Site Partner.
- Responsible for collecting the site acceptance test report
- Responsible for managing the Site Partner and monitoring their performance.
- Responsible for preparation and submission of reports to the management.
- Maintaining the dashboard of the Projects & Sites.
- Coordination with Site Acquisition Team dealing with building management issues
- Conduct passive-DAS testing and measurements using (Kaelus and Anritsu) PIM tools.
- Checks Site Folder
- Major projects handled: Abu Dhabi International Airport, Bloom Central Hotel and Apartment, New York University Abu Dhabi, Al Badie Hotel and Office, Marina Mall Abu Dhabi, Rabdan Academy, ADNOC Ruwais, Saadiyat Tunnel, Orex Hotel, HAAD,

## Duties and Responsibility as a TI Engineer / Commissioning Engineer

- Make sure installation is according to plan
- Technical support for the Partners doing the 2G/4G/Small Cell/AirScale Installations and Site Commissioning and Integration.
- Check standard installation
- Confirmed site on-air
- Troubleshoot any alarm
- Full installation of Nokia 2G and 4G-LTE/small cell
- Commission and integrate Nokia 2G and 4G-LTE EnodeB/Small Cell and AirScale
- Troubleshooting of Nokia 2G and 4G-LTE EnodeB/Small Cell
- Conduct site acceptance
- Conduct Site Survey
- Site implementation
- Full installation of 2G NSN Flexi-edge
- Prepares E1's connectivity based from transmission design
- Commissioning and integration of 2G NSN Flexi-edge
- Conduct passive-DAS testing and measurements using (Kaelus and Anritsu) PIMtools.

## **US Telecommunication**

Sep 2006- Jan 2013

Dubai Internet City, Dubai, UAE

Senior Project Engineer

- In-charge in the implementation of Indoor Building Solutions (IBS),(FTTH) Fiber To The Home (Huawei), cable layout, couplers, RAU's, Diplexers, Omni and Panel Antennas, BTS Room for Ultra Site and Metro site, Main Hubs, and Expansion Hub Rooms.
- Integration and commissioning of transmission radio, equipment, repeater and HSDL modem.
- Supervise sub-contractors in the implementation of indoor solutions and coordinate with the building owners regarding the requirement needed for the design of IBS-solutions.
- Supervise in the Technical Site Survey (TSS) with the assistance of RF engineers for all indoor projects as per RF Planning and Design.
- Supervise infrastructure cabling for CCTV.
- Plan ahead cabling/infrastructure daily and weekly tasks that to be carried with system integrators, clients, consultants and contractors. This may include arranging for equipment, meeting & site inspections to the related sites and assigned projects.
- Carry out site inspection in coordination with System Integrators, contractors and consultants to ensure projects deliverables are carried out according to the project design and with agreed level of quality.
- Manage the Handover of ISP/OSP systems from the System Integrator and assuring design has been fulfilled and quality required has been achieved.
- Understand Structured Cabling System standards and Industry standards to ensure project

deployment qualities are delivered with standard compliance.

- Performs Line Of Sight survey for transmission design, installation of equipments and power termination.
- Prepare necessary daily technical reports that reflect project progress, update and related issues to the line manager.
- Prepare BOQ and BOM for Civil and Electrical works.
- Prepare Pre-PAT documents needed prior to PAT.
- Follow-up materials needed with the procurement department to complete the site on-time.
- Assist in the preparation of CAD Design Drawings regarding the equipment rooms, transmission, and BTS rooms needed for each IBS sites.
- Supervise and assure that the design has been precisely carried out at site during project execution.
- Provides technical feedback to the design team on the improvements of design aspects according to the practical experience obtained from the site.
- Performed walk-test result using Nemo Handy (Nokia-N95).
- Knowledgeable in FIU 19E Flexi hopper: frequency application, making cross connections and commissioning task list, antenna installation with snap-on and wave Guide mounting and installation and configuration reports.

**Metro Convergence Inc.**  
Ortigas Center, Pasig City  
Project Engineer

July 2001-Sept 2006

- RF planning, commissioning, survey and preparation of documents
- Implementation of In-Building Solution (IBS)
- Installation of Transmission Equipment (Microwave Radio and BTS)
- Performed Line-Of-Sight Survey for Transmission Design
- Supervision of telecommunication equipment / systems (SDM Multiplexers, T: DAX cross connect systems, DCME)
- Supervises the production and quality control of cable assemblies (E1 cable, Coaxial jumper cable, Fiber Optic patch cord, twisted pairs, CAT V and etc.)

**Opcom 2000, Inc.**  
Pioneer St., Pasig City  
Technical Service Engineer

Apr 2001 – Aug 2001

- Assembles Fiber Optic Cable patch cords
- Engage in Fiber Optic, network testing and cabling
- Assists in the production and quality control of cable assemblies (E1 cable, coaxial jumper cable, Fiber Optic Patch cord, twisted pairs, CAT V and etc.
- Installation of telecommunication equipment / systems (SDM Multiplexers, T: DAX cross connect systems, DCME)

## Education / Trainings

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1999	<b>Bachelor of Science in Mechanical Engineering</b> Adamson University, Ermita Manila, Philippines
2006	<b>Planet EV</b> On-The-Job Training
2005	<b>Project Management</b> Metro Convergence, Inc.
2005	<b>Technical Writing</b> Metro Convergence, Inc.
2005	<b>Basic RF Planning</b> Metro Convergence, Inc.
2004	<b>Transmission Installation and Commissioning</b> On-Site Training
2004	<b>Registered Installer</b> Andrew Institute
2003	<b>Structured Cabling System Infrastructure Design Course</b> Building Industry Consulting Service Philippines
2002	<b>DCME Installation</b> On-Site Training
2001	<b>SDM-16 / <math>\mu</math>SDM Installation</b> On-Site Training
2001	<b>T: Dax Installation</b> On-Site Training
2000-2001	<b>Fiber Optic</b> Opcom 2000 Inc. Training
1999	<b>Electrical Wiring Course</b> On-The-Job Training

## Equipments Handled

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- Fujikura S60 (Splicing Machine)
- Nemo analyzer Nokia N95
- Site Master (Anritsu)
- BER Tester (W & G)
- Ground Tester (Hioki 3143)
- Optical Time Domain Reflectometer
- Fiber Optic Fusion Machine
- Fiber Optic Connectorization Tools
- Optical Power Meters and Light Source
- Fiber Scope
- Kaelus and Anritsu PIM Test

## References

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### **Roderick Tamayo**

Senior Inspector Engineer  
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