



Peter Danielle Torres

Senior Technical Manager

A dynamic engineer from the Philippine islands with more than 9 years of work experience in various technological sector. Exposed in different technology implementations in the world of Network, Telecom, IoT engineering and smart technologies specializing in design development to roll-out/implementation, deployment, configuration, monitoring and management. Multi- international companies' engagement/exposure and was part of UAE's biggest project to date, Expo2020 Dubai.

Contact

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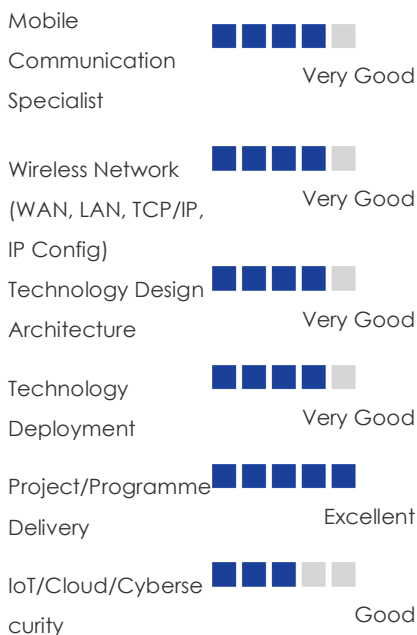
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Skills



Work History

2021-04 -

Current

Senior Technical Manager

Agile Technology Solutions, Dubai, UAE

As part of the overall Spectrum Management Team for Expo 2020 Dubai, role encompasses 2 different functionalities on 2 different phases.

Phase 1 Pre-event Phase:

As a Spectrum Manager, part of the role before pre-event is to lay the overall/end to end project execution plan for Spectrum Management. This includes identifying milestones and services relevant in delivering the best spectrum management, addressing/identifying business critical services within the stream. Role also extends to the review of policies & guidelines and authoring procedural guides (ie. incident resolutions, spectrum services provision guides).

Phase 2 Event Phase:

As a Spectrum Manager during event phase, operating in the TOC (Technology Operations Centre). Role focuses more on team management and incident resolutions. This includes monitoring the ground team (spectrum engineers), and managing the deployment of the team in addressing resolutions in case of incidents. Also acts as a Desk Manager, the main point contact of area/zone managers in reporting spectrum related incidents.

2019-01 - 2020-07

Manager Telco/IoT/Network Technologies

Expo 2020 Dubai, Dubai, UAE

Taking on a more senior role as a Manager, responsibility is now broader to a level of less supervision. This includes handling and managing projects in the IoT and Network Technologies department from architecture development to deployment on a level of leading. As manager, I am responsible in leading projects (with hands on supervision on deployment/configuration) delivering these key

technologies (IoT, Network/WAN/LAN & Telecom) from business requirement analysis (End-User requirements) to design formulation/inception (HLD and LLD development), and overall architecture design development to meet business criteria before release for deployment to operational monitoring: SLAs & KPIs, + troubleshooting, plus, and overall Telecom & Network infrastructure for the Expo site (This includes providing the infrastructure backbone: Fiber link connecting all network equipment such as routers, switches, RRU's & Telco BTS'). Adding on, additional responsibility is development of RFPs, RFIs, supervision of subcontractors, liaison with Expo's partners for the overall programme plan management for the delivery of IoT/Network/Telecom projects.

2017-08 - 2019-12

Assistant Manager Smart Technologies

Expo 2020 Dubai, Dubai, UAE

The world's biggest fair comes to the middle east and technology is critical for it be successful. To deliver such demanding criticality, as an assistant manager, I am responsible in supporting the team on the design, provision and operation of key Expo systems under the IoT/Network/Telco sector together with Expo's premier partners. This responsibility includes business requirements analysis, meeting with different functional areas stakeholders to understand the needs (Network & Telco e.g. density analysis) and part of this responsibility is to help on the planning, development, deployment, project management (e.g. Programme plan, Budgetary/financial aspect), hands on operations control (monitoring SLAs & KPIs) in liaison with Expo's technology providers.

2014-10 - 2017-01

Site Lead Engineer

Huawei Technologies Philippines, Makati, Philippines

- Acts as the main technical guidance on site for subcontractors in the implementation of SMART Philippines' LTE, 3G and 2G expansion and roll-out projects.
- Resolves any unexpected technical difficulties and other problems that may arise during site implementation and integration.
- Other Tasks includes; review of node designs, commissioning, integration, functionality testing and alarm clearing of a 2G BTS, 3G (NodeB) and 4G (eNodeB) systems.

2012-06 - 2014-10

Jr Production Planner

Lufthansa Technik Philippines, Pasay, Philippines

- Plans for the efficient accomplishment of the workload by determining availability of required resources and coordinating with other offices to ensure that all maintenance activities and schedules are adequately supported. At the same time, maintains TRAX Maintenance Planning Module forecast for Philippine Airlines' Maintenance Schedule, Engineering Publications,

Non-routines and other time-controlled tasks.

2011-11 - 2012-04

EcE Instructor

Adamson University, Manila, Philippines

- Taught Electronics and Communications Engineering students some of the major and integral subject courses for the completion of their degree.

Education

2006-06 - 2011-04

Bachelor of Science: Electronics Engineering

Adamson University - Manila, Philippines

Accomplishments

Education:

Licensure exam passer for the Philippines Electronics Engineering Licensure/Board exams.

Professionally:

With Expo 2020 Dubai

Internet of Things / Smart Technologies:

- Smart Technology case study: Together with a team from Expo's premiere partner, we've developed and formulated a study trying to identify the most feasible and viable Smart Technologies that may be implemented and showcase for the Exposition. This translates to meeting with all critical functional and business areas stakeholders. The output, a documented report and study of different IoT technologies and use cases.

- IoT Phase 1: Some of the identified technologies from the study have been put in to actual implementation to further test these technologies. Re-visited and re-studied all business and functional requirement pulling up the drawing board for the design development and deployment. The result an environmental monitoring IoT based system.

- Expo Visitor Centre: part of the team who oversaw (from POCs, the pilot implementation of Cisco Vision

Telecom/Network:

- Together with the Infrastructure delivery team, identifies the necessary infrastructure integral for the Telecom and Network provider to implement their technologies such as, network backbone (fiber), LAN/WAN, Public Wi-Fi & wireless GSM technologies (3G, 4G, 5G), and reviews the design drawings, requirements up to overseeing the actual configuration, deployment and operational monitoring.

With Huawei:

Was involved with SMART Philippines' refarming project in the province of Rizal which covers/involves (Project covered 254 cell sites):

- Migration of all cellular technologies (2G,3G and 4G) from a multi-vendor equipment cell site into one equipment vendor (Huawei).
 - Expansion of carriers and adding additional working bands of a cellular technology
 - Migration of a 2G transport system from E1 system to IP ABIS system.
- Supervised 82 sites in between November 2014 to December 2014 implementation period of SMART Philippines' LTE-TDD Phase 3 Project. Covering 4 areas in metro manila.

With Lufthansa:

Was assigned to be the main lead for the standardization of the 4 newly delivered wide-bodied aircraft of our customer Philippines Airlines.

With Adamson:

Taught 3 of the fundamental course subjects of Electronics Engineering Students, namely:

- Vector Analysis in 2 section classes
- Electromagnetics in 3 section classes
- Logic Circuits and Switching Theory in 1 section class.



Certifications

NSE 1 and NSE2 Network Security Associate Fortinet

Networking in Google Cloud: Coursera/Google



References

Peter is a good engineer and always focused on the activity task assigned to him. He always demonstrates pro-active attitude and takes responsibility on new challenges encountered. His positive mindset is also a plus on the team work.

- MATTEO SERTORELLI / EXPO 2020 DUBAI

Peter is a responsible individual. As an Engineer, he was able to overcome all technical problems at work. His skills and passion at work make him an asset to any company.

- KRIT JIMENEZ / HUAWEI TECH

Danielle is a great team leader an outstanding engineer experienced in wireless telecommunications with positive attitude at work.

- LARRY LAMBOJO / HUAWEI TECH

Pete is very professional and focused on his work. Passionate on his job, keen and self-motivated. Despite the difficulties we have because of the consistent change in the flight schedules, he still manages to deliver what is expected of him on time with efficiency. Though the work environment is sometimes stressful, he never showed annoyance or frustration. He has a positive attitude at work and got along well with everyone.

- IVY AREJOLA-BALUYOT / LUFTHANSA

Engineer Torres showed his dedication and passion in teaching and research. He went the extra mile to accommodate his students' need for learning.

- ERNESTO DEPANIO / ADAMSON