ORLANDO FAUSTINO

Telecom Engineer

SUMMARY

A highly skilled telecommunication engineer with over 19+years of vast experience. Adept in all aspects of maintaning, installing and designing of telecommunications systems for telecom transmission, fiber optic network, structured data cable. Deep familiarity with test equipment for maintaning wired and wireless telecommunication equipment. Displays outstanding knowledge and practical expertise to provide exceptional all round service.

CONTACT

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EDUCATION

University of the East
Caloocan City, Philippines
1989 - 1996
Bachelor of science in Electronics and Communications Engineering

Bataan National High School
Balanga City, Bataan Philippines
1985 - 1989
Secondary

Balanga Elementary School
Balanga City, Bataan Philippines
1979 - 1985
Primary

WORK EXPERIENCE

Miescor Infrastructure Development Corporation (MIDC)
NOC Supervisor
27th Floor, ORE building 31st Street corner 9th Avenue, Fort Bonifacio, Taguig City, Philippines
Sept 26, 2022–May 31-2023

- Monitor and oversee network activity reports and dashboards for Globe and Smart tower sites and make sure that site was available 100%.
- Raise and close incident tickets during emergency restoration, corrective maintenance, site observation and escalate to respective team for ticket completion.
- Provide site access to e-lock for Globe, Smart and vendors for their activity on site.
- Ensure that all alarms are analyzed before escalating to the O&M vendors.
- Support the field teams with used of remote monitoring system.
- Ensure that all customers SLA are fully recorded and met.
- Closure of all shift activities and make sure to handover to incoming shift supervisor.

Kellogg Brown & Root Saudi Limited (KBRSL)
Fixed Network Supervisor
Riyadh, Saudi Arabia
May 13, 2019–May 31, 2022

- Supervise subcontractor's corrective/preventive maintenance on nationwide fiber network, digital microwave radio network, SMR Tetra (Motorola), SDH/PDH systems and make sure it meets the target date as per SANGCOM(Saudi Arabian National Guard Communication) standard.
- Attending incident tickets and assigned to designated subcontractors to resolve the incident.
- Work with internal and external engineering team to resolve outages and customer faults.
- Close trouble tickets that arise during corrective maintenance and prepare daily progress report.

TEST EQUIPMENT HANDLED

E1 BER tester
Argus ADSL tester
Agilent Spectrum Analyzer
Anritsu Site master
TIMS
EXFO FPM 600/ Power meter
EXFO FLS600/ Light source
OTDR EXFO FTB 200
Sumitomo 71-C fusion machine
Fujikura FSM-60S fusion machine

- Provide emergency on-call support on a rotating schedule 24x7, performs other duties as assigned by Regional control center.
- Perform quality inspections on work currently performed or work that has recently been completed, utilizing established checklists and/or other quality related documentation.
- Provide daily updates to construction/Project Manager on overall safety, quality, and production.
- Prepare site diary, inspection report as per project implementation quantity.
- Issue site instructions to subcontractor.
- Perform checking of fiber optic network as-built BOQ and drawings.
- Reviews and interprets underground cable records in existing records, on maps or in the field.
- Perform fiber optic cable preparation, splicing and end to end testing used for DWDM, SDH/SONET and other dark fiber circuits
- Attending fiber optic cable failure/breakdown during and after office hours by carrying out investigation and restoration process.
- Supervise sub-contractor for survey, design, and implementation of structured cabling (fiber optic, CAT5, CAT6) for LAN and WAN applications.
- Monitor and analyze network performance across the LAN, and WAN networks.
- Carrying out fault restoration on SDH/PDH link using Access One Telindus modem, crypto (THALES) for encryption, Marconi PDH/SDH multiplexer, digital microwave radio system (Nera, Aviat) as required by Regional Control Center.modem,

GPT Special Project Management Limited
Fiber Maintenance Technician
Riyadh, Saudi Arabia
Dec 20, 2013–May 12, 2019
(SANGCOM- SAUDI ARABIAN NATIONAL GUARD OPERATION & MAINTENANCE)

- Perform fiber optic cable preparation, splicing and end to end testing used for DWDM, SDH/SONET and other dark fiber circuits.
- Attending fiber optic cable failure/breakdown during and after office hour by carrying out investigation and restoration process.
- Supervise sub-contractors for restoration of (SANG) nationwide fiber network.
- Carrying out fault report as required by Regional Control Center.
- Perform inspection and maintenance for nationwide (SANG) fiber optic network including chambers, hand-holes and or manholes.
- Perform installation of fiber optic ODF's, cabinets, and fiber patching.
- Carry out on-the-job training for SANGCOM personnel on the operation of nationwide fiber network.
- Installation, cross connection and testing of E1 link using Access One and Telindus modem.
- Perform operation and maintenance of crypto (THALES) for encryption.
- Perform operation and maintenance of Marconi PDH/SDH

multiplexer, DMRS (Nera, Aviat).

- Perform site survey, design, implementation of structured cabling (fiber optic, CAT5, CAT6) for LAN and WAN applications.
- Monitor and analyses network performance across the LAN, and WAN networks.
- Perform operation and maintenance of DCN (Deployable Communications Node) Satcom.
- Attending DWDM sites acceptance and make sure that all discrepancies are cleared.
- Responsible for delivery of preventative maintenance in order to meet and exceed customer KPI's.
- Provide emergency on-call support on a rotating schedule, perform other duties as assigned

Bayader Al-Aryaf Telecommunication System Co. (BATCO)
Telecom Engineer
Riyadh, Saudi Arabia
Nov 23, 2011–Nov 23, 2012
(STC, MOBILY, ZAIN Project)

- Responsible for supervision, installation, commissioning, integration, maintenance of Huawei 2G, 3G/WCDMA, 4G/LTE.
- Supervise installation of BTS cabinets, feeders, antennas (dual band), clamps, power cable, IF cables, jumper cables, grounding.
- Involve for new site integration and commissioning of BTS3900, DBS3900 by loading Huawei script and monitoring using LMT (Local Maintenance Terminal).
- Perform commissioning, installation of Huawei microwave RTN (910, 950) using U2000 WebLCT.
- Link visibility of Huawei microwave using U2000 Web LCT.
- Implementation of CWO (Circuit Work Order) fiber optic termination, cross connection of E1's in accordance with transmission facilities.
- Migration of E1's from old microwave link to new microwave link using Huawei RTN 910, 950.
- Responsible for troubleshooting and clearing of alarms on Huawei Node B.
- Installation, Commissioning of ZTE –NR8250 digital microwave radio system (DMRS).
- Perform integration of new site (outdoor) and swap site of ZTESDR B8200 (2G, 3G).
- Script uploading, software upgrading and monitoring using SDR LMT-EOMS.
- Installation and commissioning of Ericsson RBS6201 (2G modernization).
- Ericsson IP-RAN implementation and troubleshooting.
- Installation and commissioning of Ericsson mini link, TN (Traffic Node 20P, 6P, 2P).
- STC COW (Cell site On Wheels) project implementation.
- Documentation of site as built plan before PAT and FAT.
- Participates in pre and final acceptance test (PAT/ FAT) of transmission and GSM equipment.
- Performing sweep test (VSWR, DTF) using Anritsu Site Master.
- Supervision for material request and unpacking on site, work on planning schedule.

Rawabi Telecom Software Co.
Telecom Engineer
Riyadh, Saudi Arabia
Sep 27, 2005–Nov 9, 2010
(STC Saudi Telecom Co. Project)

- Perform integration, commissioning and troubleshooting of Huawei's RTN 620 using WEBLCT, and BTS3900 using LMT.
- Perform sweep test (VSWR, DTF) using Anritsu Site Master.
- Conduct site and LOS surveys for microwave radio station installation and station relocations.
- Supervise installation and commissioning of SDH/PDH microwave radio and multiplexer.
- Responsible for sites acceptance and troubleshooting of microwave radio system failures.
- Provides field support during integration and commissioning of digital microwave radios (Huawei RTN 620, NEC Pasolink, Pasolink Neo, Spectrum DMR-100 & DMR-50, Fresnel AIM-34, Codan 8800, SAF CFM, AirPro).
- Prepare Path profile using Path loss 4.0, Knowledge and practice of MAPINFO.
- Proficient in LAN/WAN, fiber optic technologies and data networking implementation like Cisco routers, switches, bridges, hubs, and workstations.
- Perform Cisco router installation and configuration (1800, 2600, 2800, 3800) and switches (2900, 3500, 3700).
- Knowledge on protocols such as Ethernet, TCP/IP, DHCP, DNS, BGP, fiber channel, MPLS.
- Implementation of CWO (Circuit Work Order)cross connection cabling of (E1, STM-1, STM-4) at DDF and ODF in accordance with transmission facilities.
- Responsible for installation and configuration of Wi-fi Access point (Linksys, Alfa, D-Link), Wi-Max base station and CPE (Redline, Airspan) either point to point or point to multipoint.
- Responsible for survey, installation, commissioning of cell enhancer repeater (SHYAM repeater).
- Performed installation, commissioning of General Datacomm equipment for POS (Point of Sale) Saudi Telecom projects.
- Perform installation of ODF, fiber cable termination and splicing.
- Design and implementation of structured cabling (CAT5, CAT6, fiber patch cord) for LAN and WAN applications.
- ADSL and SHDSL (MSAN, DSLAM, ZHONE /MALC) line implementation and testing of signal at MDF and at customer premises.
- Modem installation and configuration (NetComm, Zhone Malc, Thompson).
- CCTV hardware installation and maintenance.
- VSAT (i-Net Vu) installation and configuration of outdoor and indoor unit.
- Documentation of site as built plan before PAT and FAT.

Baud Telecom Company (BTC) Networks
Telecom Technician
Al Khobar, Saudi Arabia
Oct 3, 2000–April 30, 2004

- In charge for actual and comprehensive site survey for Saudi Telecom DDN (Digital Data Network) project, prepare technical specifications with detailed engineering plans.

- Responsible for hardware installation, software configuration, and maintenance of Tellabs/Martis DXX (Digital Cross Connect) equipment (Focus LX, A111, Cluster node, Basic node, Midi node, Mini node, Micro node).
- Responsible for migrating and testing of analog circuit to digital circuit.
- Performed provisioning, cross connection, activation and BER testing of tributaries E1 and aggregators (STM-1, STM-4, STM-16).
- Implementation of CWO (Circuit Work Order) PDH or SDH cross connection cabling at (DACS, ISM, SMA) DDF.
- In charge for installation and configuration of Tellabs modem (STU160, STU1088, STU2304).
- Providing line connections from exchange to business customers including telephone, data, ADSL, lease lines.
- Design and implementation of structured cabling (CAT5, CAT6, fiber patch cord) for LAN and WAN applications.
- VSAT installation of outdoor and indoor unit.
- CCTV hardware installation and maintenance.
- Attending PAT (preliminary acceptance test), FAT (final acceptance test) and make sure that all discrepancies are cleared.

Thabthabat Trading and Contracting Est.
Telecom Technician
Riyadh, Saudi Arabia
July 23, 1998–July 23, 2000

- Actual field survey for copper cable LNOP (Local Network Outside Plant) for Saudi Telecom TEP-6 (Telephone Expansion Project 6).
- Conduct detailed design for primary and secondary cables.
- Implementation of primary and secondary cut-over using Lucent 5ESS switch.
- Day-to-day review of sites, redline of minor changes in line with installation instructions and design rules.
- Locate and mark path of underground cables.
- Designing and replacement of faulty network plant / upgrade of existing networks.
- Responsible for installation of krone block, copper cable termination and testing at MDF, cabinet, distribution point (DP) and continuity test at both ends.
- Providing telephone line connections from exchange to business customers.
- Copper cable splicing and jointing, installation and repair of telephone lines and unit.
- Cable laying at manhole, trenches, and conduits.
- Performs structured cabling (CAT5, CAT6 patch cord) for LAN and WAN applications.

SKILLS

- Microsoft Office
- LAN networking
- Commissioning
- Troubleshooting
- Installation
- Critical thinking
- Planning
- Technical expertise

LICENCES AND CERTIFICATION

- Registered Electronics Engineer ECE # 0014183
  Philippines 1996 - 2024
- Cisco Certified Network Associate. CCNA (Cisco ID Number CSCO11510630) 2008 -2011
- Fiber U Basic Fiber Optics
  March 13, 2020
- Certified Fiber Optic Technician (FOA-CFOT)
  March 19, 2020

ORGANIZATION AFFILIATED

- Institute of Electronics Engineers of the Philippines. Inc. (IECEP)
  Philippines 1996-2024 (MEMBER)
- Saudi Council of Engineers (SCE) K.S.A. (Electronics and Telecom Engineer)
  January 16, 2012-January 16, 2022 (MEMBER)

SEMINARS AND TRAINING

- **IP Networks in Clinical Facilities settings (Webinar)** (28 May 2021)
- **Internet of Things IOT (Webinar)** (March 26, 2021)
- **Voice over LTE Fundamentals (Webinar)** (June 26, 2020)
- **Introduction to LED Lighting (Webinar)** (June 5, 2020)
- **Revit MEP Low Voltage/Low Current Design and Application (Webinar)** (May 28-29,2020)
- **Advance Fibre Optics** (February 21- March 30, 2020)

- **Video Management System (IP-Based Camera System)** (September 27- November 01, 2019)
- **Basic Fibre Optics** (Feb 15-March 22, 2019)
- **Outside Plant (OSP)/Inside Plant (ISP) A Communication Project Quality Approach** (February 01, 2019)
- **Asbestos Awareness** (May 14, 2018)
- **Range Control Telephony System** (May 6-10, 2018)
- **Practice Guidelines for ECT's, ECE's, and PECE's** (February 24, 2017)
- **Structured Cabling System Design Guidelines** (January 27, 2017)
- **Aviat Eclipse Installation, Provision NMS Installation, Maintenance and Operation** (December 8-9, 2016)
- **Fire Detection and Alarm System (FDAS) Design Guidelines** (November 11, 2016)
- **DMAIC Philosophy and Lean Six Sigma** (October 28, 2016)
- **The Need of Synchronization** (August 26,2016)
- **IP Based Surveillance Design** (April 25,2014)
- **Internet Access Via Satellite** (April 25,2014)

CHARACTER REFERENCE

- **Rodolfo J. Pornasdoro**
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  MIDC Miescor Infrastructure Development Corporation
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