


RAJMOHAN.M


Electronics & Telecommunication Engineer
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SUMMARY

Around 7.6 years of experience as Operation and Maintenance(O&M),Project Coordinator and BSS Engineer exposure to Implementation, Integration, Commissioning, Troubleshooting & Maintenance of HUAWEI, ALCATEL, NOKIA,ERICSSON, MOTOROLA & ZTE Telecommunication Equipments.

Qualification: Bachelor of Engineer in Electronics & communication from Pavendar Bharathidasan college of Engineering and Technology, Trichy (Under Anna University, Chennai) India

Seeking Position: Operation and Maintenance (O&M) Engineer, Project Coordinator and BSS Engineer.

Skills & Capabilities

- Expertise in the Troubleshooting, Integration, Implementation, and Commissioning of various Telecommunication Equipments.
- Knowledge of Cisco Range of Switches and Routers, My SQL,TCP/IP,Ethernet Cabling standards, Windows O.S, Microsoft Office and Computer Graphics related Software's.

Experience Summary

- Working with Innovis Telecom Services Pvt. Ltd. in Myanmar (Burma) as BSS O&M Engineer for OOREDOO Network Operation & Maintenance of BTS, Microwave, Infra & Transmission part of NSN, ZTE, Alcatel And NEC Equipments.
Duration:Jan-2016 to Present.
- Working with Tawasol Solutions And Services LLC. in United Arab Emirates as Project Coordinator for Etisalat Network Modernization Project (Abudhabi-Western Region)- ALCATEL (Huawei & Alcatel Old BTS Swap & New ALCATEL 2G, 3G and LTE up Gradation) Duration:Jan-2015 to Oct-2015
- Working with Global Telecommunication (GTL) LTD. in United Arab Emirates as Project Coordinator for Etisalat Network Modernization Project (Northern Emirates(NE))- Huawei (Motorola & Ericsson BTS Swap & New Huawei 2G, 3G and LTE up Gradation) Duration:July-2014 to Jan 2015
- Working with Global Telecommunication (GTL) LTD. in United Arab Emirates as Telecom Engineer for Etisalat Network Modernization Project- Huawei (Motorola & Ericsson BTS Swap & New Huawei 2G, 3G and LTE up Gradation) Duration:Feb-2014 to June 2014
- Working with Kelly Services Pvt Ltd as Operation and Maintenance (O&M) Engineer for Huawei Technologies in Aircel Communication Pvt Ltd Operation and maintenance Project, In Karnataka circle, India.
Duration: June2013 – Jan 2014.
- Working with UNIVERSAL TELECOM INDIA PVT LTD as Project Coordinator and Project Engineer
Duration: November 2010 – MAY 2013
 - VODAFONE 3G (MUMBAI) –ERICSSON Equipments, Technology-WCDMA as project Coordinator.
 - AIRTEL 3G (BANGALORE) –HUAWEI Equipments, Technology-WCDMA as Project Engineer.

- Bharat Sanchar Nigam Limited (BSNL), HUAWEI Equipments, Technology-GSM, In Karnataka circle, India as Project Engineer.
 - Bharat Sanchar Nigam Limited, HUAWEI Equipments, Technology-WCDMA-Huawei Equipments, In Karnataka circle, India as Project Engineer.
- Working with ANUKUL TECHNOLOGY INDIA PVT LTD as Project Engineer, Duration: August 2008-October2010
- MTS (Tamil Nadu) –ZTE Equipments, Technology: CDMA
 - TATA DOCOMO (BANGLORE)-NOKIA SIEMIENS NETWORKS Equipments, Technology-GSM
 - VODAFONE (MYSORE)-NOKIA SIEMIENS NETWORKS INDIA Pvt.Ltd Equipment, Technology-GSM
 - MTS (Tamil Nadu) –ZTE Equipments, Technology: CDMA
 - TATA DOCOMO (BANGLORE)-NOKIA SIEMIENS NETWORKS Equipments, Technology-GSM
 - VODAFONE (MYSORE)-NOKIA SIEMIENS NETWORKS INDIA Pvt.Ltd Equipment, Technology-GSM

WORK EXPERIENCE

BSS O&M Engineer Jan 2016 to Present

Innovis Telecom Services Pvt. Ltd – Myanmar (Burma)

Job Responsibility:

- Operation, maintenance & installation of Huawei BTS sites (3900A, 3900L, 3812E, 3012 and IBS).
- Operation, maintenance & installation of ZTE NodeB sites.
- Operation & maintenance of NOKIA Flexi/Ultra/MultiRadio BTS.
- Looking operation & maintenance of NOKIA Node-B.
- Installation & Commissioning of ALU MPR9500 .
- Installation & Commissioning of NEC IDU .
- Providing Media to new sites.
- Troubleshooting of faults/outages in the cell sites by analyzing the faulty
- Units/modules of BTS/MW radios.
- Monitoring the Acceptance process from Vendor to operator and Resolve the Task Tickets(TT) on time .
- Carry out MW Upgradations, cabinet expansion & TRX addition/Deletion etc.
- Activating and deactivating various Alarms (EAS & Module type) that can be
- Generated within the cell site and made checked to OMCR (GDC).
- Immediate Resolution of VSWR & other BTS Alarms.
- Worked on ZTE and Nokia OMCR Client for Alarm monitoring.
- Coordinate with Infra providers for new as well as old sites for operations.

Project Coordinator Feb 2015 to Present

Tawasol Solution And Services (TSS) - United Arab Emirates

Job Responsibility:

- Review and resolve all the technical issues raised by the clients.
- Co-coordinating with the team in Installation of Indoor & Outdoor Activities as per standard.
- Interact with Clients and Teams regarding Site design, Site solution and issues.
- Attending to clients' complaints and undertaking steps for effectively resolving them.
- Interacting with the customers to gather their feedback regarding the Site Quality.
- Ensuring customer satisfaction by achieving delivery & service quality norms.
- Planning, scheduling project activities and ensured its completion according to schedules.
- Analyzing Daily Network outage report and implement necessary action to rectify the problems.
- Maintaining Quality Assurance; (Adherence to the Guidelines of Alcatel for Network safety, Quality Report, comparison and Material wastage Reports etc.)
- Achieving objectives and Maintaining ISO-9000 standards
- To impart trainings to the Telecom Installation team on standard installation practice

- Conducting weekly meetings with Customers over improvement plan and repeated deficiencies.
- Coordinating and resolving technical and project issues with clients, vendors, and internal teams
- Tracking of all project activities and milestones to ensure timely completion of project.
- Providing weekly project status reports and performance data to the director level management and stakeholders via Excel and Power Point presentation
- Providing recommendation to the management regarding Project improvement plan and its implementations
- Updating the site status and daily progress status of sites with customer.
- Closely follow-up with client for Workorder, invoices and extra work approval.
- Mainly responsible for Site Installation, Swap & New Site Integration for Etisalat.
- Plan, execute, and finalize projects within triple constraints of delivering on time
- Identify, effectively communicate, and resolve project issues and risks
- Implementation of installation & integration of 2G, 3G and 4G networks.
- Arranging Internal Training to improve quality to achieve 100% SQI
- Supervision of teams for the installation work as per quality parameters by visiting sites.
- Communicate with customer regarding site issues in Region.
- Preparing the AT documents and handover to customer within target time.
- Strong knowledge on Installation and commissioning of Alcatel equipment's.

Telecom Engineer Feb 2013 to Jan 2015

Global Telecommunication Limited (GTL) - United Arab Emirates)

Job Responsibility:

- Review and resolve all the technical design issues raised by the clients.
- Co-coordinating with the team in Installation of Indoor & Outdoor Activities as per standard.
- Interact with Clients and Teams regarding Site design, Site solution and issues.
- Mainly responsible for Site Installation, Swap & New Site Integration for Etisalat.
- Checking transmission by using ping tool for NodeB and ENodeB.
- Commissioning, integration and Troubleshooting of ENodeB.
- Implementation of installation & integration of LTE networks.
- Upgrading software packages for ENodeB.
- Commissioning, integration and Troubleshooting of NodeB.
- Commissioning, integration and Troubleshooting of NodeB.
- Integration of NodeB's with RNC's based on different IUB interfaces Like ATM and IP.
- Implementation of installation & integration for WCDMA networks.
- Giving new Solution For sites By Preparing TSSR
- Update the Script and Commissioning the New Equipments
- Checking and Resolving the Internal and External Alarms
- IBS site Dismantle Motorola to Huawei equipment.
- Installation of RRU 3936 for 2G, 3G and LTE (900, 1800 and 2100 frequency Band)
- Installation of transmission equipment UMPTa1, UMPTa2, UMPTb1 and UMPTb2
- Installation of UBRI , LBBP , WBBPf , WBBPd
- Installation of APM30H and OMB cabinet
- Installation of BTS3900L
- Taking SITE QUALITY INDEX (SQI) for the new sites and killing all the major/minor outage punch points.
- Acceptance Test using VSWR Site Master.
- Supervision of teams for the installation work as per quality parameters.

- Communicate with customer regarding site issues in Region.
- Preparing the AT documents and handover to customer within target time.

Operation and Maintenance (O&M) Engineer June 2013 – Jan 2014

Kelly Services Pvt Ltd (Huawei Technologies)-Bangalore, India

Job Responsibility:

- Working on Huawei BTS3900 & installation of RTN.
- Looking & Solving the Customer complaints about Network.
- Reducing Outage time to minimum & in touch with the Vendors for Problems like A.C. Faulty & Special care about HUB sites.
- Maintenance & Commissioning of SDH Transmission Equipment Like STM-1 and PDH M.W Equipment Like RTN600, RTN905 Monitoring and rectification of microwave transmission network, DDF and PCM routing.
- Looking after Huawei BSC & BTS all the alarms like VSWR, Clock Calibration Power Testing of BTS and all the alarms including External and Internal of BTS.
- Operations & Maintenance of BTS series BTS3900, BTS3900L
- Also looking at Huawei OMCR Client Alarms, performance reports, Activating and deactivating various Alarms that can be generated within the cell site and made checked to OMCR
- Improvement the KPI of the system (SD fail assign rate, TCH assign fail rate, Call drop, HO failure, TCH Congestion etc. and take the necessary action
- Rectifying Speech cut & Drop rate Problem
- Implementation for E1 connectivity Between BSC to BTS, BTS to BTS sites according to the planning.
- Monitoring of various alarms of BSC Level
- Preparation of Daily Outage Report.
- Trouble shooting of NEC, RTN and Huawei 2G (3900, 3012) and 3G (3812, 3900) UMTS BTS.
- Use site Master to troubleshoot the VSWR alarm.
- Working on Microwave Transmission RTN (620, 910 & 950).
- Integration 2G & 3G BTS 3012, 3812 & 3900.
- Follow up the operation teams for trouble shooting of sites.
- Monitoring of system and alarm removing.
- Experience in Andrew making all type of connectors like LDF 4,5,6,7 and Flexible Jumper Connectors
- Reroute the Microwave link in given MDT time frame.
- Design & suggest the new E1 distribution plan in the area.

BSS Engineer November 2010 – MAY 2013

UNIVERSAL TELECOM INDIA PVT LTD -Bangalore, India

Job Responsibility:

- Co-coordinating with the team in Installation of Indoor & Outdoor Activities as per standard.
- Installation of Ericsson BTS 2202, 2204, 2206, 2111.
- NODE B Installation and Swapping
- RRU Power termination
- Integration of BBU3900.
- Alarm & PCM cable routing, termination & Definition of BTS alarm.
- Responsible for ensuring timely execution of work.
- Worked on analysis of VSWR measurement, power calibration, and antenna orientation, Integration, Commissioning of HUAWEI 3G BTS.
- Installation & Commissioning of Huawei RTN 910 & 950
- Commissioning of HUAWEI IDU (RTN 605, RTN 600).
- Coordinating with the team in Installation of Indoor & Outdoor Activities as per HUAWEI standard.
- Alarm & PCM cable routing, termination & Definition of BTS alarm.
- Responsible for ensuring timely execution of work.

- Worked on analysis of VSWR measurement, power calibration, and antenna orientation, Integration, Commissioning of HUAWEI BTS.
- Performing Call test, Call handover test, checking of Rx quality and receive level by using TEMS.
- Knowledge of equipment handling and maintenance of GSM BTS system.
- Performing Acceptance Testing for BTS and Microwave.
- Commissioning of HUAWEI IDU (RTN 605.RTN 600).
- Alarm & PCM cable routing, termination & Definition of RBS alarm.
- Coordinating with the team in Installation of Indoor & Outdoor Activities as per HUAWEI standard.
- Responsible for ensuring timely execution of work.
- Worked on analysis of VSWR measurement, power calibration, and antenna orientation, Integration, Commissioning of HUAWEI RBS.
- Performing Call test, Call handover test, checking of Rx quality and receive level by using TEMS.
- Knowledge of equipment handling and maintenance of RBS system.
- Performing Acceptance Testing.

BSS Engineer November 2010 – MAY 2013

ANUKUL TECHNOLOGY INDIA PVT LTD -Bangalore, India

Job Responsibility:

- Project implementation.
- Commissioning and Installation of NSN FLEXI and ULTRA BTS.
- Swapping of BTS from Ericsson to nokia.
- Commissioning of NEC, RRI & FIU IDU'S.
- Quality checking as per the company standards. Coordinating with team in Installation, integration & commissioning. 3G RFI Survey for Vodafone networks.
- Carrying out RFI Survey works for sites.
- Managing the installation of ZTE BTS.
- Maintaining the Equipments & utility issues of sites as per ZTE standard.
- Installation of indoor & outdoor activities.
- Proper installation & replacement of various subsystems found in BTS.
- Responsible for ensuring timely execution project.
- Performing Quality checking.
- Project implementation.
- Commissioning and Installation of NSN FLEXI and ULTRA BTS.
- Commissioning of NEC, RRI & FIU IDU'S.
- Quality checking as per the company standards.
- Coordinating with team in Installation, integration & commissioning.

Educational Qualification

Exam	Discipline	School/College	Board/	Year of passing	Percentage%
B.E	Electronics & Communication	Pavendar Bharathidasan College of Engg & Tech, Trichy	Anna university	2008	63%
HSC	Maths & science	Vestley Matriculation Higher Secondary School, Aranthangi	State board	2004	73.50%
10 th	General	Vestley Matriculation Higher Secondary School, Aranthangi	Matriculation	2002	71.54%

Skills and Training

- Windows XP , Windows 7, Windows 8
- Ms Office 2003-10
- My SQL-Database
- CISCO NETWORK DEVICE ADMINISTRATION (CCNA) Course in CMS Institute in Chennai.
Knowledge on Routing Protocols like RIP, IGRP, EIGRP, OSPF, Switch, Routers and Sub Netting.
- In plant training On Communication, Navigation and Security Equipments in Airport Authority of India.

Tools Handled

Compass, Binoculars, GPS, Measuring Tape, Mirror, VSWR Meter, BER Meter Site Master, Power Meter, Various Type Attenuators.

Personal Details

Languages Known	:	Fluent in English, Tamil, Hindi, Urdu and Kannada.
Date of Birth	:	November 25, 1986
Nationality	:	Indian
Passport Number	:	H8171865
Visa Status	:	Employment Visa

Declaration

I hereby declare that the above mentioned information is correct up to my knowledge and I bear responsibility for the correctness of the above mentioned particulars

Rajmohan.M