

Mudhasir Jeelani Masoodi

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Summary

Over 6+ years of experience with various Telecommunication Companies of Fiber Optic experience (deployment, distribution networks, understanding of SONET, SDH, DWDM, CIENA & IP-MPLS Installation, testing and troubleshoot issues) and connectivity of cell sites, project Planning, Project coordination & Execution, Planning & Control, Quality Assurance, Technical Support, Expertise in Developing System & Procedures for Infrastructure Projects. OFC Networks Roll-out Project, Planning, Tendering/Bidding, Quality, Operation, HSE, Billing, Solutions for Optical transmission Network. Operating & maintaining the facilities involving corrective & preventive maintenance for trouble-free operations with maximum machine up-time & efficiency, while curtailing the costs / expenses. Wish to join a reputed organization as **NOC Engineer**.

Skills

Leadership	Team Work	Operation Management	Critical thinking	Influencing
Risk mitigation	Microsoft office	Adaptability	Compliance	
Communication	Project Management	Flexibility	Independence	

Core competencies

DWDM Project Roll-Out(NFS)	Service creation on DWDM, POTS	Category management	Project Handling
Technical Customer Support	Rollout Wire-line Access Network	Team Management	Technical Operations
MIS reporting,SONET	Operations Maintenance	CCTV installation	Project planning
SDH, DWDM, MCEU, IPMPLS,	SONET,SDH,DWDM, IP-	OFC installation	Drive testing in RF
OTN Technology	MPLS, CIENA,ROW	FTTH	

Achievements

- Successfully completed SCFT's of Airtel 4G FDD, TDD, project implementation and support of Airtel 4G network.
- I have successfully completed NFS project of DWDM, IPMPLS, MCEU, POTS, MW, Satellite, CIENA
- I have personally given trainings to more than 50 Engineers/Operators on SONET, SDH, DWDM, IP-MPLS & machine operation.
- Installation of DWDM Equipments, POTS, MCEU, IP-MPLS, MER, MAR, SIP audio/videos phones.
- Knowledge of Test Sets and their functionality, (**RFC2544, G.709, SONET, OTDR, OSA, E1-Testers, Network Validators, SDH analysers, Optical Wave Length meters, VOA** and others.
- Knowledge and experience of **Ciena equipments (6500, 5200, 32 slot, OLA)**.

Work Experience

STRATOSPHERE IT SERVICES PVT LTD

Senior Engineer (J&K , Punjab Circle for Project roll out and O&M of NFS)

Nov'20 — Present

- Installation and Commissioning of DWDM UTL nodes, FIBCOM, MICROWAVE, IP-MPLS, CIENA nodes and OTN technology.
- Project progress report, Acceptance Test (AT) process, Review of specifications to make it world class.
- New route surveys, Carrying out acceptance tests, Responsible for quality delivery for all infrastructures (OSP)
- Provide support to concerned teams for immediate restoration of site/link once issue is resolved, share RFO with Management.
- Analog Signaling, Video conferencing, Networking LAN, WAN, IP addressing, Ethernet, OSI, FTP, DHCP, HTTP.
- Ensuring quality project rollout with defined specifications and processes.
- Trouble shooting of alarms, Faults, R&D of DWDM node, FIBCOM, MICROWAVE, IP-MPLS and CIENA SYSTEM CARDS.
- Network optical alarms, trouble shooting, DCC bytes, performance monitoring, EMS layer, monitoring alarms.
- Hands on experience on Service creation of DWDM technology on all DWDM equipments in Punjab, Jammu and Kashmir circle. Fibre connectivity between DWDM nodes and configuring all DWDM nodes with each other.
- Managing all work from planning to HOTO Route to O&M. **Fiber testing-** Using OTDR, Optical Power Meter & Laser Source.
- Responsible for the end to end connectivity of sites with fiber including splicing termination, tapping of fibers (Live fiber jointing) and testing of link with laser source, power meter, OTDR, (optical time domain reflectometer) and handover the link to the O&M with route map, OTDR results, FMS plan, power meter and laser source report as per the link budget.
- Installation of FDMS, Splicing/Joining and testing, Link testing (with OTDR & Power meter, etc.) and commissioning.
- Quality checking and Supervise all the technical work, Route Survey, SLD and ABD Preparation of BOQ.
- Ensure material dispatch & commissioning and the replaced material to be deposit at warehouse.
- Supervision of trenching, ducting, cabling, termination & end-to-end testing for operations job.
- Responsible for the material using for project roll out. Also responsible for billing and all data maintaining

Linkquest Telecom

Drive Test Engineer (J&K , Ladakh Circle for Airtel 4G)

Feb' 18 – Aug' 19

- Worked on implementation and Support for Airtel 4G Network
- Provide support to concerned teams for immediate restoration of site/link once issue is resolved share RFO with upper Management
- Handling Overall project related to installation, commissioning/Troubleshooting (L2Support) of Multivendor Environment.
- Managing, Monitoring and Utilization of Traffic Flow from Customer end to L3 Core P.E routers.
- Redistribution of Data on NLD Links from Core Routers to NLD Routers for Short Haul Distances and Long Haul Distances Via ILA respectively.

- Ensuring Timely Closure of S.A Alarms like High Rx, Low Rx, ISIS Flapping, BFD Flapping, Hardware Faults and their Clearance, Fiber Cuts in Network devices in Coordination with Operations.
- Planning and Optimization of Highly Utilized Links by Executing Ring Splitting, Bandwidth Policy validations, Media Migration of Sites/Access Routers with multipath dual homing for repair path redundancy of data, Properly Raising Planned Events and TT'S to Overcome Bandwidth Congestion affecting LTE, WIFI, IT, IBS and ILL services.
- Handling the following Project in J&K (Reliance, Idea, Airtel, Aircel) Ericsson, Coordinating the Drive Test Team, SCFT, EMF SURVEYS, Conducting site survey for macro & micro cells sites and for In-building Coverage Solution.
- Developing Coverage Priority & Antenna Placement Proposal; also preparing plan on coverage area survey. Proposing Search Ring for Cell sites based on requirements. Technical Support □ Extending high-end technical support at sites and ensuring high customer satisfaction levels through promptly addressing client's problems. Providing technical advisory and resolving customer complaints.
- Well versed with GSM 2G, 2.5G, EDGE, UMTS, WCDMA, 4G, VOLTE, VOLTE CAT, Technologies.
- Architecture of NSS BSS Core elements, Call flow.
- Knowledge about the functions of HLR / VLR / MSC / GMSC / EIR / AUC/ HO.
- Knowledge about GSM, WCDMA, LTE, VOLTE, LLA,VOIP,5G, 5GNR, MIB, SIB,

• BSAFE ENTERPRISES

Dec'17 – Jan'18

Technical Support Engineer (J&K circle for project rollout and O&M of CCTV installation.

- Training and Mobilization of engineers to sites for effective supervision. Observing and forwarding project progress report.
- Complete Responsible for Optical Fiber lying both in Backbone and Access networks, as well as Micro ducting and Micro cabling.
- Manages day to day Filed level O&M activities such as corrective /preventive maintenance, troubleshooting/traces, spare management, system backup and planned event execution/support.
- Complete Route Certification, Liaison with State & Central Govt. Agencies as Well as Co – Operators.
- Material Planning i.e. Monthly requirement, Dispatch instructions, Timely availability of material at sites.
- Understanding of technical concepts and scenarios.
- Has contributed in design, development and testing of network hubs.
- Has understanding of major and minor faults in sub-systems and also coordinated in diagnosing fault at site.
- Has knowledge of Php, Java, C and C++.
- Handled various activities pertaining to providing high speed Internet access to customer with Digital Subscriber Line (DSL) over ordinary telephone lines.
- Maintenance & supervision of OFC/splicing/testing/cable
- Laying/budgeting of fiber optics/projects and mainly working on the project of access network.
- Configuration of DSL Connection; troubleshooting of problems with the Technician Team.
- Administration of the link & DSL.

• TELECOM NETWORK SOLUTIONS PVT LTD

Dec'16 – Nov'17

Drive Test Engineer (J&k circle)

- Verified network stability by executing drive testing on TEMS.
- Data collection using AZQ with short call, 1 long call, and frequency scanning.
- Provided on field training to freshly joined drive testers.
- Performed SCFT and CAT on all new airtel 4G FDD and TDD sites.
- Helped other engineers to upload and process the data achieved after trouble shooting and optimizing sites for the teams in the field and co-coordinating with the client's requirement.
- Responsible for creating voice and data setup for short call, long call, and packet call and making workspaces.
- Verified the network, site functionality properly, antenna positions, antenna tilts.
- Identified major call related problems (dropped calls, hardware problems, etc.) Train new employees and rectify any software or hardware issues.
- Responsible for generating RFDS of new sites and capacity triggered carrier expansion sites.
- Experienced in data collection for Pre-launch and Post-launch Optimization for GSM, UMTS & LTE networks.
- Performed drive testing to analyze and optimize sites according to customers requirement
- Responsible to complete the annual coverage and performance drive test analysis.
- Complete knowledge of 2G, 3G, WCDMA, LTE network architecture.

• Education

- Bachelor of Technology ECE Engineering

Nov'16
RAYAT BAHRA Institute of Engineering & Bio-Technology, Punjab Technical University, India

Extra-Curricular

- Undergone training for the Certificate in Summer Training in operation & maintenance of telephone Switching Exchange in July 2013 from **BSNL**, Lakhnupur.
- Actively participated in Entrepreneurship Awareness Campaign organized by Govt. of India in association with Entrepreneurship Development Institute (2014).
- Training on Andriod workshop at **GOOGLE**, Chandigarh.
- 2 months Industrial training in **C,C++,PHP** at **NEILIT**, Srinagar, J&K.
- 6 months Indutsrial training in telecommunication from Reliance Communication at **Ericsson**, Srinagar, J&K.

Languages – English (Expert), Urdu (Native), Hindi (Expert)