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Seeking Career Enrichment in Telecom Project Management entailing NMS/Installation & Commissioning/ Operations & Maintenance/ Quality Assurance with a Front Line Organization.

PROFESSIONAL ABRIDGEMENT

Highly competent professional with over 12+ years of Experience in Networking & telecom project management. Currently Working with Pratap Technocrats Pvt. Ltd as an Area manager (fiber) at Bharatpur CMP. Previously worked with RJIO as a SAS Executive at Palanpur from March. 2018.worked with Rcom, Ericsson, RJIO, Reliance Communications, FIBCOM, ALUMS, and ARYACOM as a NEC Help-Desk Engineer and handle the Reliance, Idea Cellular, TTSL and Vodafone Project of Rajasthan circle.

<u>**Pratap Technocrats Pvt. Ltd.**</u>**–From July 2021 to till date.**
   Area Manager (Fiber) at Bharatpur CMP

- Planning & implementation for maintenance of OFC Network & Transmission equipment.
- Operations & Maintenance of approx 500 KM Fiber network .
- High loss rectification.
- Splicing (Fusion), OTDR, LASER Source, Power meter.
- Planning of network using different fiber count optical fiber cables with straight & branch jointing, termination & testing of optical link and branching them further by maintaining minimum joints within our optical link loss budget.
- Inspection of optical tests using OTDR as well as power meters on sampling basis at site.
- Designing of couplers & splitters for splitting & branching optical power at various nodes using optical link loss budgeting.
- Coordinating with Contractors & patrollers for better supervision of ofc routes & taking preventive actions.

   <u>**Reliance Jio infocom ltd.**</u> **– From March 2018 to July 2021.**
   SAS Executive at Palanpur (Aug 2019 to July 2021)

- Performing SAS Activity (SAS offline, Noncompliance, new sites integration, Jio mitra addition.)
- Troubleshooting & configuration of SAS Controllers with the help of SNOC Team.
- Jio mitra addition & Handshake in field on daily basis.
- Sites audit on daily basis to check any infra & security related punch points & escalate to O&M Lead for further correction.
- Investigation of Theft incidents & support to SP for police intimation & Lodge FIR.
- Prepare theft incident reports to share with SHQ SLP Team.
- Coordination with patrolling team to avoid theft incidents.
- Responsible to raise PDIMS Case of theft incidents.
- SAS Integration & PIAMS Addition of new integrated SAS Controllers.
- Follow ups for Insurance of theft materials.
- Providing technical support and alternate solutions for improved performance of the passive infra.
- Review and analysis the repeated failure cases and take immediate corrective and preventive actions to avoid any repeated failure
- reliability and safety of Utility of all infra Equipment's as per standard process & AMC

- Performing utility KPIs, RP1 & IP COLO Sites O&M.
- Responsible for Site relocation, Degrow & dismantling.
- Responsible for CCP Updation, SMPS reachability
- Performing SAS Activity (SAS offline, Noncompliance, new sites integration, Jio mitra addition.)
- Troubleshooting & configuration of SAS Controllers with the help of SNOC Team.
- Site up gradation for MIMO project.
- Responsible for RFE1 & RFE2 for new OLT Sites.
- Coordination with field team for OLT installation & commissioning at AG1 & AG2 Nodes.
- Support to FTTH team for OLT issues resolving.
- Complete maintenance of Over 1100 sites including IP Colo, Rcom & Jio own sites.
- Utility up gradation with SP Vendor coordination for OLT project.
- Performing utility KPIs, RP1 & IP COLO Sites O&M.
- Providing technical support and alternate solutions for improved performance of the passive infra.

Project Coordinator (MIMO) at Palanpur (March 2018 to Aug. 2019)

- Operation & Maintenance (Utility part) of more than 1100 sites (IP COLO, RP1 & Own built sites).
- Infra upgradation for OLT Sites.
- Responsible for EB connection at NON EB Sites with coordination of Construction team.
- EB Upgradation for MIMO projected sites.
- Troubleshooting & configuration of SAS Controllers with the help of SNOC Team.
- Site up gradation for MIMO project.
- Responsible for RFE1 & RFE2 for new OLT Sites.
- Coordination with field team for OLT installation & commissioning at AG1 & AG2 Nodes.
- Support to FTTH team for OLT issues resolving.
- Utility up gradation with SP Vendor coordination for OLT project.

Reliance communications ltd.... – From Oct. 2017 to March 2018.
Area Manager at Bharatpur (Raj.)

- Managing utility & Fiber team for Bharatpur & Karauli Mept.
- Utility fault rectification with coordination of above 12 technician utility team.
- Coordination & Fault rectification of DG, SMPS, PAC.
- Complete support to field team for Fiber fault rectification with in MTTR.
- Utility alarms like low battery, DG CF, DG alternator fault, LOP fault rectification.

Ericsson India ltd.... – From Feb. 2016 to Oct 2017.
Transmission Support (NOC) Engineer at Jaipur (Raj.)

- Complete support of Transmission equipment (SDH-MUX, DWDM, and OTN) & Microwave Planning.
- Alarm monitoring & fault rectification of Transmission, MW & Fiber faults.
- O&M of NEC & Ceragon mw links.
- Complete support to field team for MW fault rectification (mw link misalignment, IDU Commisioning,IDU&ODU Fault, link errors,E1 Cross connection)
- Monitoring & fault rectification of data equipment's (Cisco, Maipu & Juniper routers).
- SW up gradation of CMCC & NEC Equipments
- MW Link budget & frequency planning.
- Optical link up gradation STM1-STM4, STM4-STM16 & STM16-STM64.
- TAC support to field team for fault rectification.
- Fault (Optical & Microwave) trouble shooting.
- Fault ticket creation & closer within mttr with coordination of TAC noc.
- E1 Provisioning.
- Fiber fault monitoring & rectification
- Fiber cut escalation & rectification within MTTR
- High loss rectification with coordination FRT Team.

Reliance JIO Infocom Ltd. – From May. 2015 to Jan. 2016.
I&C (IP/TX) Engineer at SIKAR (Raj.)

- Installation & Commissioning of Optical Equipment's (CIENA, ALU PSS4, PSS32, SDH, Routers & Microwave).
- Installation & Commissioning of Cisco routers 920 I.920 O, 903.
- Complete maintenance of Cisco routers CSS & AG1 Level (PAR).
- Complete Maintenance of Transmission equipment (SDH-MUX, DWDM, OTN, and ROADM) & Cisco Routers above 250 NE's.
- Ceragon mw (IP 20C) fault rectification with the help of FEO Team.
- Coordination of FEO & riggers for MW Fault, Installation & Commissioning.
- Planning for MW Ring connectivity.
- Worked on BGP, OSPF, IGP, MPLS Techniques.
- Optical fiber planning for Fiber to home project.
- MW IP20C Ring Planning & New link Installation & Commissioning.
- Visibility of MW at NMS.
- Troubleshooting and Fault Rectification of Alcatel, Ciena & routers with the help of NMS/EMS.
- Perform PE activity to rectify Span loss with the help of NOC.
- Planning & Configuration for a new CSS site.
- Planning for new CSS Ring.

Reliance Communications Ltd. – From Oct. 2011 to July 2012.
Transmission Engineer (O&M) at Sriganganagar (Raj.)

- Complete Maintenance of Transmission equipments (SDH-MUX, MW & E1 Level) above 250 NE's.
- Troubleshooting and Fault Rectification of FIBCOM, Nortel & MW with the help of NMS/EMS.
- FIBCOM SDH 6325 (STM1 &STM4) Configuration & maintenance.
- Nortel 16xe, 4xe, OME N65, OME N66 (STM1, STM4, STM16 & STM64) Configuration & maintenance.
- Configuration of NEC MW PDH V4, SDH Neoi, Paso+ & IPASO.
- FIBCOM Software Upgradation.
- E1 Provisioning for point-to–point link and STMx level.
- Configuration & Software up gradation of NEC Neo I for RCOM 3G Network.
- Alarm monitoring & rectification at mux & mw level (AIS, RDI, LOS, LOF, RFI, and SSF).
- Visibility of MW 2G &3G NE.
- 10 G Ring Connectivity.
- E1 Troubleshooting & loop verification.
- IPASO Upgradation from PDH to SDH with STM & Clock card.

OPTICAL FIBER:-

- Planning & implementation for maintenance of OFC Network & Transmission equipment.
- Splicing (Fusion), OTDR, LASER Source, Power meter, Rectification of Losses.
- Operation & maintenance of optical fiber & networks elements.
- Planning of network using different fiber count optical fiber cables with straight & branch jointing, termination & testing of optical link and branching them further by maintaining minimum joints within our optical link loss budget.
- Inspection of optical tests using OTDR as well as power meters on sampling basis at site.
- Designing of couplers & splitters for splitting & branching optical power at various nodes using optical link loss budgeting.
- Coordinating with Contractors & patrollers for better supervision of ofc routes & taking preventive actions.

ALCATEL-LUCENT MANAGED SERVICES – From Dec. 2010 to Oct. 2011.

- Visibility of RCOM 3G NE at NMS.
- NMS Work for RCOM PNMS server.
- Configuration of IP & SNMP Setting (IPASO) For NMS Visibility.
- Completed Reliance 3G Activity for NEC-IPASO & Pasolink V4 at Rajasthan Circle.
- Completed **IPASO up gradation** for Reliance 3G Network at Rajasthan circle.
- Configuration of 2-port **Ethernet** & Software up gradation of NEC Pasolink–V4 for RCOM 3G Network.
- Configuration & Software up gradation of NEC Neo I for RCOM 3G Network.
- NMS Activity for Reliance Comm. For Rajasthan circle.
- Configuration of Huawei Switch CX 200.
- Connectivity of Ethernet Ports to CX200 for RCOM 3G Network.
- PMC & LAN Card upgradation of Paso link V4 for Node b connectivity

ARYA COMMUNICATIONS & ELECTRONICS PVT. LTD. – From March 2009 to Dec. 2010.
NEC HELP-DESK OPERATIONS FOR RAJASTHAN CIRCLE

- Technical supporting for all NEC MW equipment level Operations for whole over Rajasthan Circle for Vodafone, TTSL and Reliance.
- MW Fault rectification with the help of FM engineers.
- MW Ring connectivity.
- Testing of NEC (SDH&PDH) faulty equipments at Vodafone, TTSL & Reliance Jaipur.
- Completed Reliance 3G Activity for NEC-IPASO & Paso link V4 at Delhi Circle.
- Completed **IPASO up gradation** for Reliance 3G Network at Delhi & Rajasthan circle.
- NEC IPASO, NEO/i, NEO CPV, Pasolink, Pasolink+.
- NEC NEO Extension Mux.
- NMS Work for NEC PNMS server.
- NEC PNMTj, PNMT, PNMS.
- NMS Activity for Datacom Punjab circle.
- Survey and Planning of sites.
- Coverage prediction of sites by using Net Monitor.
- Preparation of Link Budget for sites.

TTSL PROJECT U.P (EAST) CIRCLE
E1 Provisioning (NMS): - ALCATEL NOC GURGAON –

- E1 Provisioning for point-to–point link and STMx level provisioning for node-to node and optical connectivity at NMS.
- Take NE at NM & NM to RM.
- Create a topology and trail between NE's for ring connectivity
- Network Manager – GO-Global TN & GO-Global UX 2.1.4.
- Monitoring & Visibility of NE at NMS/EMS of ALCATEL.

TTSL PROJECT RAJASTHAN CIRCLE –
Installation & Commissioning: -

- ALCATEL SDH (1642EM&EMC, 1660SM&1662SMC) STM1, STM4, STM16, STM64 & DWDM for TTSL Project Rajasthan Circle.
- Network Manager - Alcatel 1320 Craft terminal,
- Troubleshooting and Fault Rectification with the help of NMS/EMS.
- ISA updation & commissioning with Flash card.
- Up gradation of NE 1660 from Rel. 4.0 to 5.2B.

TCL PROJECT RAJASTHAN CIRCLE (BIKANER)
Operation & maintenance: -

- ALCATEL SDH (1660 &1662SM) STM4, STM16, STM64 & DWDM For VSNL (TATA COMMUNICATIONS LTD) AS a O&M engineer in BIKANER Circle (Rajasthan).

- Monitoring & Visibility of NE at NMS/EMS of ALCATEL.
- Create a topology and trail between NE's for ring connectivity.
- Traffic Management, Performance management, DCN Connectivity
- Network Manager - Alcatel 1320 Craft terminal.
- E1 Provisioning for point-to–point link and STMx level provisioning for node-to node and optical connectivity.
- Accountable for maintaining an efficient & reliable network by ensuring zero/minimum downtime due to SDH equipment through preventive maintenance**.**
- Fault rectification at STM Level.
- Alarm troubleshooting & rectification at Mux (LOS, RDI & SSF).
- Coordination with fiber team for link los rectification.

TELLABS (FIBCOM INDIA LTD)
From Oct. 2006 to Feb. 2009

Job Profile & Responsibility

Installation & commissioning of STM-1, STM-4, STM-16 SDH & DWDM Equipment of Fibcom, Tellabs.
E1 Provisioning for point-to–point link and STMx level.
Software up gradation and installation of new software upload.
Nodal A/T up to STM-16 level transmission equipment,
Testing and analyzing and troubleshooting of E1 by BER meter, SDH analyzer (DTA, ANT-20)
SDH Planning & Implementation, Operation and Maintenance of Fibcom Equipment for Reliance in whole Rajasthan circle. 70
Operation & Installation of NMS/EMS up to 2500 Node
6300 Network Manager
NM 2100em Element Manager
NM 2100ct Craft Terminal
Fibcom 6310 Edge Node, Fibcom 6320 Edge Node,Fibcom 6325 Edge Node,Fibcom 6340 Switch Node, Fibcom 6345 Switch Node,Fibcom 6350 Switch Node,Fibcom 6370 DWDM,Etex.

Attainments**:**
Actively participated in installation and commissioning of:
-STM-1, STM-4, STM-16, (Fibcom, Alcatel, ECI & Tejas)
-Last Mile Connectivity of BSNL, BSNL A/T (Acterna ANT-20)
-BER Test, I/P Jitter Measurement O/P Jitter Measurement, E1 Pulse characteristics, line
Attenuation (cable attenuation), return loss, clock testing, and jitter wonder application. RFZ-12 TEST
- -Switch A/T with BSNL
- Initiated working on:
- SDH, DWDM Equipment of Alcatel   - SS-7
- Common Channel Signaling   - Intelligent Network
- Switching, Routing on Lucent Switch   - E-1 Provisioning
- Connectivity NLD POI of BSNL   - FMS Termination, OFC laying
- IP/MPLS, VPN/Troubleshooting/IP Routing Protocol
  (OSPF/BGP/EIGRP)/Router/Switch/SIP/H.323/Wi-Max/Bluetooth)

Installation & Commissioning:
Supervision of installation & commissioning for STM-1, STM-4 Communication systems etc.
Testing of functioning of equipment and removing technical errors in the functioning.
Working on TIEBU Customer connectivity, Fiber Planning and Core Ring Developing.

Quality Assurance: -

Implementing measures to maintain and meet ISO & defense standards.
Ensuring compliance with environmental & safety regulations.
Reviewing the operational practices, identify the areas of obstruction/ quality failures and advise on system and process changes for qualitative improvement & conservations.
Ensuring Civil A/T, Quality control of material and work.

IT SKILL SET

Software Exposure: C, Assembly Language Programming (8085 & 8086), Virtual Private Networks.
Platforms: Windows 9X, 2000/ XP, Alcatel Omni PCX 4400.Fibcom EM 6300.Tellabs ECT 6300.

ACADEMIC QUALIFICATION

1. 10th from State board of Raj. With 65 % marks. (2001)
2. 12th from State board of Raj. With 60% marks.   (2003)

TECHNICAL QUALIFICATION

Completed B.Tech in ECE From Sunrise University Alwar.
Engineering Diploma (3 yr.) in **Optical fiber Communication** from **BIRLA Institute Pilani** (BTER-Jodhpur).
Completed 6 months Computer Diploma from **RSCIT**.
Pursuing **CCNA** from IIHT.

INTEREST & ACTIVITIES
Listening music.
Interacting with people.
Reading Newspapers & Magazines.
Playing cricket.

PERSONEL PROFFILE

Name	SURAJ KUMAR SHARMA
Father's Name	Sh. KUNJ BIHARI SHARMA
Date of Birth	08-10-1988
Mailing Address	V/P – Baragma, Tel – Hindaun city
	Distt. – Karauli (Rajasthan), Pin Code - 322230
Marital Status	MARRIED
Nationality	Indian
PAN NO.	CHDPS0581C
AADHAR NO.	323682470496
PASSPORT NO	P8413721

Date: -06/10/2022

Place: - Bharatpur   (**SURAJ KUMAR SHARMA)**