

Sumit Rai

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Current Location: Panipat, Haryana

CAREER OBJECTIVE

In quest for a bright and challenging role in the Analytics sector where I can put-in my sincere efforts to get acquainted with the latest developments (being made in the field) and to perform as a valuable team player and to learn and deliver my skills and abilities for effective functioning in organization to reach responsible position in future, work for the betterment of company in any possible circumstances.

PROFILE SUMMARY

- 2 Years and 6 Month of Experience as an **Analyst** and **Power and telecom engineer**
- 21 months' experience in Passive Telecom Operations.
- Experience in Project Management and Managing 24x 7 NOC Operations.
- In hand experience in Telecom Network, O&M, Alarm Monitoring and Telecom Network Operation management, Data Management, Data Analysis, Data Validations.
- Having track records in coordinating and implementing IT/Telecom Projects and act as Project Coordinator.
- Experience in People management and vendor management.
- Worked as Power and telecom engineer in Velocis Systems Pvt Ltd. (Sept 2020 to July).

PROFESSIONAL EXPERIENCE

Designation: Power and telecom engineer



Sept 2020 to 5th July

Client: Haryana Viduth Prasaran Nigam Limited (HVPNL) at SLDC Panipat

Job Description:

- Testing, configuration, maintenance of communication equipment provide support to HVPNL and Manage services like VOIP, ITMS, LAN, WAN in HVPNL network.
- Checking communication equipment condition, SPD, earthing and taking the required action on 200KV, 400KV HVPNL sub-substation when required.
- Testing equipment link SMPS, ACDB, DCDB, DCPS condition on sub-station and do maintenance.
- Manage optical network by NMS system and ensure its LAN, WAN infrastructure were operating to prescribed practices and technical standards. Providing customer support for various network issue in HVPNL-SLDC.
- Design Low Level Diagram for the Projects for the solution. Co-ordinate with Internal & external Client to successfully implement the Project. Team handling, resolve site issues and provide solution for site engineer. Provide maintenance instruction to site engineer.
- Monitoring of Different Wide band node by NMS system at SLDC Panipat and resolve customer (HVPNL-SLDC) queries on time per contract. Installation of voice and data devices like SDH, PDH-MUX as well as setup of LAN, WAN connection in various power sub-station (220kv, 400kv substation) of Haryana.
- Troubleshooting SDH/PDH & Ethernet Circuits with testers as per ITU-T standard. Monitor the SDH ALARMS timely and submit report to manager, Card alarms, Circuit Level, alarm rectification, Loop testing of near or far end, Circuit Tracing, KLM Mapping, Card status.
- Resolve E1 related issues. Setting up and managing LANs, WANs and optical network to maintain maximum network uptime.
- Monitoring network maintenance activities and ensuring all network are working properly to achieve maximum network uptime.

Tools/Software used: XMP1-LCC, SDH, PDH, UMUX-1500, UPS, DCPS, NMS, GPS Clock, UCST, RNMS, NMS(SOX), ODU, IDU and others.

Job Description:

- Completed integration of 10 new OSS.
- Tracking & maintaining Network Parameters like Passive Alarms, DCEM Load, Mains Supply – Diesel Generator – Battery Bank Run hrs & KWH, Mains Supply Voltage and Battery Bank Voltage.
- Having good knowledge of MSC, MGW, HLR, VLR, Citrix, Configuration and POI addition, BSC/RNC Rehomeing, network protocols and its interfaces and Core Domain and its interfaces, protocols, SGSN cards and its diagnosis like MCSU, PAPU, CPPU as well.
- Having good knowledge of BTS, BSC.
- Having very good telecom NOC Alarm Surveillance experience.
- Having good knowledge on Huawei NMS tools like U2020.
- Managing 24*7 NOC Operations including Alarms monitoring, OSS and MPLS with escalations to all levels.
- Managed complete Project including operational, management, raising new requests. Oversaw all profile related issues by collecting, cleansing and provided modelling of structured and unstructured data for major business initiatives mainly, focusing on minimizing the financial cost to the company.
- Dealing with all the stakeholders and clients for smooth project management.
- Dashboards- Created visually impacted dashboards using Excel for data reporting by using pivot tables, charts and lookups.
- Good knowledge in CS Core elements such as Smart Care, HSS
- Good knowledge of PS Core elements such as SGSN, GGSN, PGW, UPCC MME, SGW, PCRF, UGW, USN, DNS.
- Dealt with inter-partners like Nokia, Ericsson, ZTE for OSS & Airtel and Idea for project.
- Follow up on escalations and issue tracking with vendors and inter-partners.
- Prepared SOPs for analysis, testing, MPLS Utilization process, OSS Integration Process, and fault rectification process.
- Regular observation of Performance NMS reports and taking action when required and distributing to all relevant stakeholders within defined timeline.
- Checking traffic maximum utilization through MPLS link through different LSI and MPLS feed troubleshooting.
- Proficient in handling fault in query of SQL and providing level 1 Support to end-users.
- Extend support to circle O&M team centrally as a point of contact for NOC operations.
- Expertise in managing tools like Maximo, Netcool, MPLS Portal, NMS portal, Campaign module, SM Portal, Czentrix, SSRS Portal, Citrix, CMS Portal, X-lite and others.

Incident Management:

- Providing Docket/ticket for every incident reported.
- Ensuring proper Incidence capturing and reporting within defined time limit.
- Exposure to Incidence Management tool like Maximo, Service etc.
- Providing resolution for every TT generated by end user within SLA.
- Escalate to higher level as per requirement.

Tools/Software used: Maximo, Netcool, MPLS Portal, NMS portal, Campaign module, SM Portal, Czentrix, SSRS Portal, Citrix, CMS Portal, X-lite and others.

ACADIMIC QUALIFICATION

- Completed B. tech (Electrical Engg.) from Shambhunath Institute of Engineering and Technology affiliated to AKTU in year 2018 with 72%
- Completed Intermediate from Santi Smark Inter College affiliated to UTTAT PRADESH board in year 2014 with 78%.
- Completed High School from Santi Smark Inter College affiliated to UTTAT PRADESH board in year 2012 with 84%.

TECHNICAL SKILLS

- Data Analysis
- Team Leadership
- Client Management
- Creating SOPs
- Advanced MS-Excel
- MS- Office

INDUSTRIAL TRAINING

ORGANISATION: CPOH North Central Railway Allahabad (U.P EAST)

DURATION: 11th June 2016 to 10th July 2016

TITLE/TOPIC: Electrical System of CSM Tamping Machine

ORGANISATION: Uttar Pradesh Power Corporation Limited Allahabad (U.P EAST)

DURATION: 07th July 2017 to 08th August 2017

TITLE/TOPIC: Transmission and Distribution of Electrical Power

COLLEGE PROJCT

MINOR PROJECT: "Solar Panel with Battery Charger" (6 months)

MAJOR PROJECT: "IoT Based Electricity Energy Meter Real Time Reading and Control" (12 months)

EXTRA-CURRICULAR ACTIVITIES

ACHIEVEMENTS:

- Winner of first prize in event circuit mania & fashion show in SIET Techfest 2k16.
- Winner of first prize in bowling ball, skit, buzzer master, crime scene in the year 2k17.
- Winner of second prize in fashion show, general awareness in the year 2k17.

WORKSHOPS: -

- 'Robotics' workshop which conducted by ISTE at S.I.E.T. campus.
- 'MATLAB' workshop which conducted by Sofcon India Pvt. Limited.
- 'E-TALK, WORKSHOP' workshop which conducted by Renaissance-An Entrepreneurship Summit at MNNIT

CERTIFICATIONS; -

- Certificate in co-ordination of skill development program on power technology from NPTI New Delhi.
- Certificate of volunteered Shooting, Mat-lab & Badminton in the year 2017.

PERSONAL DETAILS

Date of birth: 15 June 1997.

Postal Address: Bhadsari, Azamgarh (U.P.) Pin code-276202

Language(known): English and Hindi

DECLARATION

I hereby declare that all information mentioned above is true to the best of my knowledge and I bear the responsibility for the correctness of the above-mentioned. I will make it my earnest endeavor to discharge competently and carefully the duties you may be pleased to entrust with me.

Place: Panipat

Date:

Signature: Sumit Rai