**PRAMOD KUMAR**  
Mobile: +91 7839421217, +91 8077396938 | Email: pkumar030292@gmail.com  
Location: Gurugram, Haryana, India

**Professional Summary**

Assistant Manager with 8+ years of experience in telecom and infrastructure, specializing in project coordination, network troubleshooting, and system integration, Automation using python. Expertise in GPON, MSAN, IMS, and power infrastructure, with strong skills in configuring, automation and troubleshooting telecom equipment (routers, switches, OLT, ONT, SMPS). Proven ability to manage teams, coordinate with clients, and automate processes using Python. Committed to continuous learning and technology advancement.

**Core Competencies**

* **Telecom Infrastructure:** GPON, Router & Switches, MSAN, IMS, OLT/ONT, IP Networks, SMPS, Lithium-Ion Battery Systems
* **Network Configuration & Troubleshooting:** OLT, ONT, BGP, OSPF, VRRP, SIP, Wireshark, CDR Analysis, EMS installation and commissioning, ONT repair line setup for ONT repair at Factory.
* **Project Management:** Vendor Coordination, Site Supervision, Testing, Acceptance & Validation
* **Automation & Scripting:** Python (CDR, Alarms, Data Analysis, GUI Based automation for auto configuration and testing, ONT testing application for testing of repaired ONT at Factory), Crone tab in Linux Servers
* **Incident Management & Customer Coordination:** RCA Preparation, NOC, AMC, WCC Sign-Offs
* **Product Testing:** Testing of Active Products (OLT, ONT, Routers, STB, Switches, HUB) and Passive Products (SMPS Testing (8KW to 30KW SMPS), MPPT Testing, Lithium-ion battery (100AH-150AH) testing for telecommunication sites, Wi-Fi Mesh testing.
* **Team Leadership:** Cross-functional team coordination, Training, and Mentorship
* **EMS & Server Management:** Installation, Configuration, and Troubleshooting

**Professional Experience**

**ZTE Telecommunication India Pvt Ltd** *Assistant Manager (Feb 2023 – Present)*  
**Projects:** Bharti Airtel Power Project, Indus Towers Power Projects, Bharti Airtel GPON Project, Airtel ONT Repair & Refurbishment project.

* Configured and troubleshoot GPON OLT/ONT systems, BGP, OSPF, RSTP, MODBUS, SNMP, IPv4 protocols.
* Performed end-to-end testing for ONT repair at repair line setups in factory, and troubleshooting of ONTs, OLTs, router switches, wi-fi and SIP calls related issues.
* Managed Centralized EMS for monitoring the Performance, Alarms, Configuration, etc for each OLT and ONTs.
* Troubleshooting the auto provisioning issues in EMS for TL1 provisioning using SOAP, also created testing programs using python for automatic troubleshooting the issues.
* Managing bandwidth allocation using GPON standard like GEM, TCONT, Implementing QoS policies to prioritize and ensure seamless service delivery.
* Managed product testing for active telecom equipment including OLT, ONT, routers, and switches.
* Automated router, switch, OLT configuration and CDR generation, alarms, and data analysis using Python scripting.
* Led incident management for Airtel, BSNL, Indus Towers and other clients, ensuring quick resolution and RCA documentation.
* Coordinated with internal and customer management teams for seamless project execution.
* Managed EMS servers and handled product testing for EMS server setups.

**HFCL Limited** (*Senior Engineer & Assistant Manager (Mar 2022 – Feb 2023))*  
**Projects:** Network for Spectrum (NFS) Project for Indian Army

* Managed vendor teams and troubleshooting of network and call issues for pan-India operations.
* Automated the configuration for Tejas OLT/ONT and issues resolution using python GUI automation using Selenium, netmiko, parameko,pandas,etc python modules.
* Maked testing tool using python for GUI based configuration, testing, automated troubleshooting for Router, Tejas OLT and ONTs, made testing tool using python for SIP phone automatic configuration & Testing.
* Made tool using python for live monitoring of IP-MPLS network connectivity status (for Routers, SIP phones, GPON OLTs) and automatic report generation.
* Made tool for analysing the SIP call traces and troubleshooting automatically.
* Deployments of IP-MPLS network Products (Nokia Routers, Switches, Tejas GPON OLT, ONT, EMS, IMS).
* Performed Pre-AT and AT tests with customers for network equipment validation.
* Utilized Python for network automation and protocol verification for network devices.
* Oversaw health checks and load performance verification for battery banks.
* Provided troubleshooting and configuration of routers, switches, OLT, ONT, SIP Phones.

**Supreme Solutions Pvt Ltd** *(Project Coordinator & Senior NOC Engineer (Feb 2019 – Mar 2022))*  
**Projects:** ZTE MSAN NGN-C5 Project for VAYAM/BSNL

* Coordinated the integration and migration of MSAN, GPON, and IMS-Core systems.
* Led troubleshooting efforts for GPON, MSAN, and LAN switch systems, SIP calls.
* Made Tools using python for configuration & Testing of MSAN, GPON, Switches, migration of 5ESS to MSAN.
* Successfully cleared Acceptance and Validation Test (AT/VT) cases for various telecom equipment like EMS server hardware, EMS Server application, MSAN, Switch, LMG and many more.
* Oversaw O&M activities and ensured smooth operation of the network infrastructure.
* Handled the commissioning of LAN switches, EMS servers, and passive infrastructure.

**Quadra Infratel Synergies Pvt. Ltd.** *Project Coordinator & Field Assistant Manager (Sep 2016 – Jan 2019)*  
**Projects:** BSNL/Nokia BTS and ZTE MW Project

* Managed installation, commissioning, and quality assurance testing for Nokia Flexi BTS.
* Coordinated and supervised field teams, ensuring timely execution of project milestones.
* Managed mini-link installation, alignment, commissioning, and media shifting activities.
* Oversaw power bank installations and the rectification of alarms in the network.
* Prepared reports and managed acceptance testing with clients.

**Shrey Infrastructure & Services Pvt. Ltd (***Project Coordinator (Feb 2015 – Aug 2016))*  
**Projects:** Nokia/ZTE/Ericsson BTS for BSNL

* Managed the integration and commissioning of various telecom equipment including ZTE, Ericsson, and Nokia BTS.
* Installed and commissioned the VSAT, small cell, 3G BTS on PM visit at Shree Kedarnath.
* Managed to swap 2G BTS with 3G Ericsson and ZTE BTS, installation commissioning.
* Conducted site inspections, alarm rectifications, and ensured network optimization.
* Led mini-link installations and media shifting projects across multiple regions.

**Education**

**Bachelor of Technology (B.Tech) – Civil Engineering**  
Anand Engineering College, Agra, Uttar Pradesh Technical University, Lucknow  
*2010 – 2014* | Aggregate: 64.48%

**Class XII – Science**  
Gandhi Inter College, Sikandarpur, Ballia (U.P. Board)  
*2009* | Aggregate: 60.3%

**Class X – Science**  
Naga Ji Saraswati Vidya Mandir, Ballia (U.P. Board)  
*2007* | Aggregate: 72.6%

**Certifications**

* **FARM ToCli Certified**
* **PTID Certified by Nokia**

**Hobbies**

* Listening to all types of music,
* Exploring new computer applications
* Meeting new people and networking
* Learning new skills and technologies

**Personal Details**

* **Date of Birth:** February 3, 1992
* **Father’s Name:** Mr. Surendra Prasad
* **Mother’s Name:** Mrs. Shakuntala Devi
* **Permanent Address:** Vill. Manorathpur, Post-Maniar, Dist. Ballia, Uttar Pradesh - 277207

**Declaration**

I hereby declare that the information provided above is true to the best of my knowledge and belief.

**Date:** 1st March’25  
**Place:** Gurugram, Haryana

**Pramod Kumar**