Prasendu Mondal

Experienced IT Infrastructure 09+ years of expertise in network engineering, system administration, and secure infrastructure management. Skilled in securing networks, optimizing system performance, and implementing security-focused IT solutions. Proven track record of maintaining reliable, high-performance environments and supporting business-critical operations. Passionate about leveraging cyber security and automation-driven approaches to protect and strengthen modern IT systems.

CONTACT

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EDUCATION

BSc in Electrical & Electronic Engineering (EEE)

- Daffodil International University
- Passing Year: 2014

Diploma in Electronics Engineering

- Munshiganj Polytechnic Institute (MPI)
- Passing Year: 2011

CERTIFICATION

- CCNA
- MTCNA
- MTCRE
- MTCSE

TECHNICAL SKILLS

- **Operating Systems:** Windows, Linux, OPNsense, Python, WMWare
- **Programming Languages:** C, C++, Visual Basic
- **Networking Tools:** CCNA, Packet Tracer, Circuit Maker, MATLAB
- **Network Devices:** Modems, Hubs, Switches, Routers, Firewalls
- **IT Security & Monitoring:** VPN, Firewalls, ERP, Cacti, Nagios

INDUSTRIAL EXPOSURE

- Bangla Lion BTS Room, Dhaka
- Grameenphone BTS Room, Narayanganj
- Robi BTS Room, Narayanganj
- Teletalk BTS Room, Narayanganj

EXPERIENCE

One Sky Communications Limited

Senior Network Engineer | Core Network & NOC

Duration: August 2025 to Continue

- OLT/EPON/GPON: BDCOM, C-DATA, V-Sol, SYROTECH – Config & Troubleshoot.
- Routers: CISCO, Juniper, Huawei, MikroTik – Config & Troubleshoot.
- Switches: Huawei, Cisco, Juniper, EDGE, BDCOM – Config & Troubleshoot.
- Network Monitoring: ERP, Cacti, Billing, Nagios, Log Server – Monitor & Troubleshoot.
- Networking: Layer-2/Layer-3, VPN – Config based on demand.
- Servers & Storage: Install, Config, Maintain – Backup & Storage Arrays.
- Traffic Management: Rerouting, Shifting & Config based on demand.

Bismilla Telecom Service Limited

Senior Network Engineer | Core Network & NOC

Duration: October 2024 to July 2025

- BDCOM, C-DATA, V-Sol, SYROTECH, DBC OLT (EPON and GPON) configuration and troubleshooting.
- CISCO, Juniper, Huawei, MikroTik Router Configure & troubleshooting.
- Huawei, Cisco, Juniper, EDGE & BDCOM Switch configuration and troubleshooting.
- Enterprise resource planning (ERP), Cacti (BW Graphs), Billing & Nagios software system monitor & manage, also troubleshoot Log server.
- Knowledge on networking technologies protocols and services layer-2, layer-3, VPN Configuration based on demand.

EuroTel BD Online Limited

Senior System Executive Engineer | System Admin (Core)

Duration: January 2023 to September 2024

- BDCOM, C-DATA, V-Sol, SYROTECH, DBC OLT (EPON and GPON) configuration and troubleshooting.
- CISCO, Juniper, Huawei, MikroTik Router Configure & troubleshooting.
- Huawei, Cisco, Juniper, EDGE & BDCOM Switch configuration and troubleshooting.
- Enterprise resource planning (ERP), Cacti (BW Graphs) & Nagios software system monitor & manage, also troubleshoot Log server.
- Knowledge on networking technologies protocols (OSPF, BGP and VLAN) and services layer-2, layer-3, VPN

One Sky Communications Limited

Assistant Manager | Transmission Department

Duration: March 2022 – December 2022

- Planned, managed, and optimized transmission and backbone networks ensuring high availability and scalability.
- Operated and maintained fiber optic networks across core, aggregation, and access layers.

- Performed capacity planning, bandwidth optimization, and traffic analysis to support network growth and performance.
- Installed, configured, and troubleshot routers, switches, OLTs and transmission equipment.
- Monitored network performance, resolved outages, and conducted Root Cause Analysis (RCA) to ensure rapid service restoration.
- Coordinated with NOC, field teams, and vendors to maintain 24/7 uptime and SLA compliance.
- Led network expansion and upgrade projects, ensuring minimal downtime and service continuity.
- Implemented preventive maintenance, redundancy, and disaster recovery planning for critical infrastructure.
- Managed vendor relationships, including fiber providers and equipment suppliers, ensuring timely delivery and quality service.
- Supervised junior engineers, maintained network documentation, and prepared MIS and performance reports for management.
- Supervised and mentored junior engineers and technicians, providing technical guidance and performance oversight.
- Supported network security, redundancy architecture, and disaster recovery planning for critical ISP infrastructure.
- Maintained accurate network documentation, topology diagrams, change management records, and SOP compliance.

Summit Communications Ltd.
Senior System Engineer | Regional Implementation & Operation
Duration: October 2015 – June 2021

- Knowledgeable in networking protocols (OSPF, BGP, ISIS, MPLS, VLAN) and Layer-2, Layer-3, VPN configuration.
- Skilled in troubleshooting and maintenance of CISCO, Juniper, Huawei, MikroTik devices, and servers.
- Managed traffic rerouting, shifting, and configuration based on traffic demands.
- Configured and maintained servers, backup/storage arrays, and related hardware/software.
- Monitored and troubleshot servers, backups, and storage systems to resolve issues.
- Proficient in Windows, Linux, and OPNsense operating systems.
- Documented and maintained system configurations, processes, and procedures.
- Experienced with Dell servers and advanced MS Office skills (Excel, Word, PowerPoint).
- Handled fault troubleshooting and preventive maintenance for transmission and core networks.
- Managed alarm surveillance and network quality through capacity optimization and site integration.
- Led teams for commissioning, provisioning, and O&M of transmission equipment.
- Analyzed customer/vendor requirements for efficient solutions.

Sim Power Generation
Service Engineer | Operation & Maintenance
Duration: January 2010 – December 2013

- Responsible for all kind of IT & Networking device (Router, Switch).
- Maintain database for all equipment and inventories.