MD.ASHIQUL ISLAM

 in iamashiqul | 🌐 iamashiqul.github.io | ✉ ashiqulislam.eashan@gmail.com | 📞 +88 01747-163387

SUMMARY

With 3 years of dedicated experience in telecommunications and transmission networks, I specialize in ensuring high availability, security, and performance of large-scale carrier and enterprise infrastructure. My expertise spans end-to-end troubleshooting, proactive maintenance, and optimization of critical network systems, with a strong focus on delivering seamless service continuity and meeting strict SLAs. Technical Portfolio: 🌐

KEY ACHIEVEMENTS

- Resolved 3000+ complex network tickets, enhancing nationwide infrastructure reliability and customer satisfaction

- Optimized core network performance through strategic routing improvements, achieving 15% better service delivery

- Automated manual workflows using Python and n8n, reducing operational overhead by 30%

- Maintained 99.9% network uptime through proactive monitoring and rapid incident response

- Mentored 3 junior engineers in advanced troubleshooting and network operations

TECHNICAL SKILLS

Networking Protocols	BGP, OSPF, LACP, STP, DHCP
Network Technologies	MPLS (L2VPN, L3VPN), FTTx / GPON, DWDM
Performance & QoS	L2/L3 QoS, Policing, Shaping, Congestion Management, Buffer Optimization, Traffic Engineering
Hardware & NOS	Cisco IOS/XR-XE & Switches, Huawei VRP, Switches & OLT, Alcatel-Lucent OLT, LS Cable OLT
Monitoring & Diagnostics	Wireshark, Nagios, Cacti, PRTG, GNS3
Scripting & Automation	Python, n8n, Bash, Git
Systems & Virtualization	Linux, Windows, VMware Workstation
Professional Skills	Troubleshooting, Problem-Solving, Team Collaboration, Client Communication, Adaptability

WORK EXPERIENCE

IP Engineer, Fiber@Home Limited   Dec 2022 - present

- Delivered L2/L3 technical support for MPLS, GPON, and FTTx backbone and access networks

- Diagnosed and resolved complex issues in IP routing (BGP, OSPF), QoS, and service degradation across multi-vendor platforms (Cisco, Huawei)

- Executed proactive network monitoring, new link commissioning, and strategic bandwidth management to maintain SLAs.

- Implemented preventive maintenance and performance optimization strategies for enterprise client networks, enhancing service reliability

Infra Planning Intern, Fiber@Home Limited Mar 2022 - July 2022

- Migrated network data to Connect Master and automated Excel data processing
- Created KMZ and shapefiles for national fiber infrastructure mapping and documentation
- Supported fiber network planning and documentation efforts

Projects & Process Automation

- Developed Python scripts for interface utilization analysis and link-wise outage reporting
- Automated ticket classification and escalation with n8n, improving MTTR by 40%
- Developed network visualization automation pipeline for Connect Master

Education

2015 - 2022	B.Sc Engineering (CSE) at **Pabna University of Science & Technology**
2011 - 2013	Higher Secondary at **Dhaka City College**

Professional Training

2022	CCNA: Routing & Switching at **Linux Pathshala Limited**

Languages & Interests

Languages	Bengali (Native), English (Fluent)
Professional Interests	Network Automation, Cloud Networking, Security Hardening
Availability	60 days / Immediate availability negotiable

Recommendations

Mr. Md. Mizanur Rahman	**Mr. Ashifur Rahman**
Former HOD, IPTx & AGM, SDPI	Data Communication Engineer
Fiber@Home Limited	Huawei Technologies (Bangladesh) Limited
Email: mizanur.rahman@fiberathome.net	Email: ashifur.ruet@gmail.com
Phone: +88 01716-000731	Phone: +88 01630-725604