

AHASHANUL HAQUE SHUVO

Junior Network Engineer | System Administrator | Infrastructure Specialist

"Building networks that never break. Leading systems to self-heal."

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CORE COMPETENCIES

- Network Fundamentals (TCP/IP, DNS, DHCP)
- Routing & Switching (VLANs, OSPF)
- Network Troubleshooting (Wireshark, Ping)
- Basic Firewall Configuration (Cisco ASA)
- Linux Administration (Ubuntu)
- Scripting Basics (Python, Bash)
- Cloud Networking Basics (AWS)
- Team Collaboration & Problem-Solving

TECHNICAL SKILLS

Hardware:

- Cisco Routers/Switches
- Basic Aruba Access Points

Protocols:

- TCP/IP, VLAN, OSPF
- STP, DNS, DHCP

Tools:

- Wireshark, Cisco Packet Tracer
- GNS3, Putty

OBJECTIVE

Motivated and detail-oriented recent graduate with a Diploma degree in Computer Engineering, eager to start a career as a Network Engineer. Proficient in networking fundamentals, Cisco systems, and Linux environments. Passionate about designing secure and efficient networks, with hands-on experience from academic projects and certifications. Seeking an entry-level role to apply my skills and grow professionally.

EDUCATION

DIPLOMA IN COMPUTER SCIENCE AND TECHNOLOGY

Thakurgaon Polytechnic Institute, Thakurgaon, Bangladesh /

Expected Graduation: December 2025

- Relevant Coursework: Computer Networks, Network Security, Data Communications, Operating Systems
- CGPA: 3.80/4.0 (as of 6th semester)

HIGHER SECONDARY CERTIFICATE (HSC)

Govt. Alimuddin College, Hatibandha, Lalmonirhat, Bangladesh /
Graduated: July 2022

- Group: Science

ACADEMIC PROJECTS

LAN_TALK – OFFLINE LAN-BASED COMMUNICATION SYSTEM

- Developed a LAN-based real-time communication system using React, Socket.io, and MongoDB, with messaging, voice, and video call capabilities.
- Integrated WebRTC for peer-to-peer calling within the same local network, removing the need for internet access.

Other Skills:

- Cloud: AWS (VPC Basics)
- Scripting: Python (Beginner), Bash
- OS: Linux (Ubuntu), Windows
- Commands: ping, traceroute, ip, netstat



CERTIFICATIONS

- Cisco Certified Network Associate (CCNA) (2024)
- CompTIA Network+ (2023)
- Linux Essentials (LPI) (2023)



LANGUAGES

- Bangla (Native)
- English (Fluent)



ADDITIONAL INFORMATION

- Availability: Immediate
- Interests: Exploring open-source networking tools, blogging about Linux tips
- Focus Areas: Applying AI to automate technical workflows, exploring Nmap for advanced network scanning and security auditing

- Designed automatic peer discovery within LAN and implemented file sharing between connected users.
- Hosted the project website on Windows Server 2022 with IIS and custom MikroTik Captive Portal to auto-launch the system for clients.
- Implemented secure user login with database-backed authentication and added session-based messaging.
- Built with scalability in mind to serve schools, colleges, or emergency zones where internet is unreliable.

CAMPUS NETWORK DESIGN (2024)

- Designed a simulated LAN for 500 users using Cisco Packet Tracer, implementing VLANs and OSPF routing.
- Configured DHCP and NAT, achieving 99% uptime in testing scenarios.
- Presented troubleshooting steps using Wireshark to resolve packet loss, earning top project grade.

HOME NETWORK SECURITY SETUP (2023)

- Built a secure home network with a Cisco ASA firewall and Ubuntu server for DNS.
- Automated basic monitoring with Python scripts, reducing manual checks by 50%.
- Documented setup process, focusing on access control lists (ACLs) and VPN basics.



EXTRACURRICULAR ACTIVITIES

GENERAL SECRETARY, TPI CPC (2024–2025)

- Organized workshops on Linux networking and cybersecurity basics.

VOLUNTEER, CYBER SAFETY AWARENESS CAMPAIGN, THAKURGAON

- Educated 50+ students on safe internet practices, tying to your interest in cybersecurity awareness.