Saiful Islam Shakib

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Objective

Recent B.Sc. graduate in Computer Science and Engineering with extensive training in network security, system administration, and Python programming. Seeking the Network Infrastructure Engineer position at Akamai Technologies to apply skills in network monitoring, vulnerability assessment, Active Directory management, and DNS configuration, contributing to robust network infrastructure in a remote capacity.

Education

B.Sc. in Computer Science and Engineering   2021–2025
Port City International University, Chittagong, Bangladesh

- Thesis: "Applications and Rise of Low-Power Wide Area Networks (LPWANs) in IoT"
- Relevant Coursework: Network Security, Data Communications, Operating Systems, Programming (Python, C++)

Skills

- **Technical Skills**: Network Security (Nmap, Wireshark, Metasploit, Aircrack-ng), System Administration (Linux: Kali, BackBox; BleachBit), DNS Enumeration (Sublist3r, Amass, dnsrecon), Bash Scripting (AWK, SED), Python (OOP, Network Automation), Web Development (PHP, HTML, CSS), Active Directory (User Management, Group Policy), DNS (Domain Create/Delete/Modify), Network Protocols (TCP/IP, HTTP, SMTP, DNS, LoRaWAN, NB-IoT)
- **Soft Skills**: Troubleshooting, Technical Documentation, Remote Collaboration, Problem-Solving

Projects

Pharmacy Management System   2024-2025

- Developed a web-based Pharmacy Management System using PHP, HTML, and CSS to manage inventory, sales, and customer records.
- Implemented features such as user authentication, product search, and order tracking, with a responsive design optimized for desktop and mobile use.
- Documented the codebase and deployment process, ensuring maintainability and scalability for small-scale pharmacy operations.

Network Security and Vulnerability Assessment   2024-2025

- Conducted DNS enumeration with Sublist3r, Amass, and dnsrecon to map network infrastructure, followed by vulnerability scans using Nmap.
- Applied concepts from the Udemy course 'Mastering Network Security: Defending Against Cyber Threats' to analyze and secure network traffic with Wireshark.

Experience

Intern, IT Department   Summer 2024
Local IT Firm, Chittagong, Bangladesh

- Monitored and troubleshoot network issues using Nmap and Wireshark, ensuring uninterrupted connectivity.
- Configured firewalls and tested Wi-Fi security with Aircrack-ng, enhancing network defenses.
- Collaborated remotely with a team to implement secure access points and document best practices.

Certifications

- Byte Capsule: Cybersecurity for Professionals (6-Month Training Program, Oct 2023-Apr 2024)
- Udemy: Mastering Network Security: Defending Against Cyber Threats (2025)
- Udemy: Network Security 101: Start Network Security from Scratch (May 2025)
- Udemy: Upgrading Computer Networks - Guide to Successful Migrations (May 2025)
- Udemy: Linux Bash Shell Scripting Incl. AWK, SED and 10+ Projects (Feb 2025)
- Udemy: Advanced Foundations of Python Programming (Oct 2024)
- Udemy: 300+ Python Exercises (Simple, Intermediate & Complex) (Nov 2024)
- Udemy: Complete Python & Python OOP with Exercises Projects in 2024 (Oct 2024)
- Udemy: Ethical Hacking: Network Exploitation Basics (Oct 2024)
- TryHackMe: Introduction to Cybersecurity (2024)
- Coursera: Python for Everybody (2023)
- Pursuing CCNA Certification (Expected 2025)

Languages

- English (Fluent), Bangla (Native)