Saiful Islam Shakib

Kodala, Rangunia, Chittagong, Bangladesh | (+880) 1831-343379 | si0614318@gmail.com
linkedin.com/in/saiful-islam-shakib | github.com/yourusername

Objective

Recent B.Sc. graduate in Computer Science and Engineering with specialized training in network security and penetration testing. Seeking a Cyber Security Specialist (Fresher) role to apply expertise in defending against cyber threats, leveraging skills in network monitoring, vulnerability assessment, and system hardening to secure organizational assets.

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, Aircrack-ng, Metasploit, Hydra), Network Reconnaissance (Sublist3r, TheHarvester, Amass, dnsrecon), System Administration (Linux: Kali, BackBox; BleachBit), Programming (Python, Bash Scripting), Data Analysis (MS Excel), dig, nslookup, which
- **Protocols**: TCP/IP, HTTP, SMTP, DNS, DHCP, LoRaWAN, NB-IoT
- **Soft Skills**: Vulnerability Assessment, Threat Analysis, Technical Documentation, Problem Solving

Projects

Network Security Assessment   2024–2025

- Conducted DNS enumeration using Sublist3r, Amass, and dnsrecon to map network assets, followed by Nmap scans to identify vulnerabilities.
- Analyzed network traffic with Wireshark and secured Wi-Fi networks using Aircrack-ng, applying concepts from the Udemy course "Mastering Network Security: Defending Against Cyber Threats."

Resource-Optimized BackBox Linux Security Lab   2025

- Configured BackBox Linux 8 on a 4GB RAM system to run multiple security tools (Nmap, Metasploit) and browsers, optimizing resources with swap space and BleachBit.
- Documented troubleshooting of repository errors, ensuring a stable environment for penetration testing.

Experience

IT Intern   Summer 2024
Local IT Firm, Chittagong, Bangladesh

- Performed network monitoring and vulnerability scans using Nmap and Wireshark on BackBox Linux, identifying and mitigating potential threats.
- Configured firewalls and tested Wi-Fi security with Aircrack-ng, enhancing network defenses.
- Optimized system performance using BleachBit, ensuring secure and efficient operations.

Certifications

- Udemy: Mastering Network Security: Defending Against Cyber Threats (2025)
- TryHackMe: Introduction to Cybersecurity (2024)
- Coursera: Python for Everybody (2023)
- Pursuing CCNA Certification (Expected 2025)

Languages

- English (Fluent), Bangla (Native)