Saiful Islam Shakib

**Kodala, Rangunia, Chittagong, Bangladesh |** Phone: (+880) 1831-343379 | Email: saifulshakib6052@gmail.com  
LinkedIn: www.linkedin.com/in/saiful-islam-shakib-a6332b260 | GitHub: github.com/SIS-416

# Career Objective

Recent B.Sc. graduate in Computer Science and Engineering with extensive training in network security, system administration, and Python programming. Skilled in penetration testing, vulnerability assessment, Active Directory management, and DNS configuration, contributing to robust network infrastructure. Seeking to leverage technical expertise and problem-solving abilities in a Security Operations or Ethical Hacking role.

# Education

B.Sc. in Computer Science and Engineering  
Port City International University, Chittagong, Bangladesh (2021 – 2025)  
• Thesis: Applications and Rise of Low-Power Wide Area Networks (LPWANs) in IoT  
• Relevant Coursework: Network Security, Data Communications, Operating Systems, Python, Bash

# Technical Skills

* Network Security: Nmap, Wireshark, Metasploit, Aircrack-ng, nikto, netcat
* System Administration: Linux (Kali, BackBox), Windows Server 2022, Windows 10/11
* DNS Enumeration: Sublist3r, Amass, dnsrecon, dig, dirb, theHarvester
* Scripting & Programming: Python (OOP, Network Automation), Bash (AWK, SED)
* Web Development: PHP, HTML, CSS
* Active Directory: User Management, Group Policy
* Network Protocols: DHCP, TCP/IP, HTTP, SMTP, DNS, LoRaWAN, NB-IoT, SSH, FTP, SFTP, SNMP, Telnet, MySQL, Apache, Tomcat

# Professional Experience

IT Security Intern – Local IT Firm, Chittagong (Summer 2024)

* Monitored and troubleshooted network issues using Nmap and Wireshark.
* Configured firewalls and tested Wi-Fi security with Aircrack-ng.
* Collaborated with team to implement secure access points and document best practices.

Virtual Environment Penetration Testing Projects

* Tested Active Directory: Enumeration, Reconnaissance, Exploitation.
* Exploited Windows 7/8/10 and Metasploitable-2 using Metasploit Framework.
* Conducted vulnerability scans with Nmap and DNS analysis with dnsrecon.

# Academic & Personal Projects

* Pharmacy Management System (2024 – 2025) – Developed a web-based system with PHP, HTML, and CSS to manage inventory, sales, and records. Implemented authentication, search, and responsive design.
* Network Security & Vulnerability Assessment (2024 – 2025) – Conducted DNS enumeration with Sublist3r, Amass, dnsrecon; performed vulnerability scans with Nmap; analyzed traffic with Wireshark; applied Udemy training in Network Security.

# Certifications & Training

* 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 (Intermediate & Complex) (Nov 2024)
* Udemy: Complete Python & Python OOP with Exercises Projects (Oct 2024)
* Udemy: Ethical Hacking: Network Exploitation Basics (Oct 2024)
* TryHackMe: Introduction to Cybersecurity (2024)
* Coursera: Python for Everybody (2023)
* Cisco CCNA Certification – Pursuing (Expected 2025)

# Soft Skills

* Analytical & Problem-Solving Skills
* Strong Communication & Team Collaboration
* Adaptability & Continuous Learning
* Technical Documentation & Reporting
* Ability to Work Under Pressure

# Languages

• English (Fluent)  
• Bangla