Your Name

Your Address, City, Country | (+880) 123-456-7890 | your.email@example.com |
linkedin.com/in/yourprofile
github.com/yourusername

Objective

Motivated B.Sc. graduate in Computer Science and Engineering with expertise in Low-Power Wide Area Networks (LPWANs) and network security. Seeking opportunities in research or industry to contribute to IoT and cybersecurity advancements through technical skills and innovative problem-solving.

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"
- Advisor: [Advisor Name]
- Relevant Coursework: Network Security, Data Communications, IoT Systems, Programming (Python, C++), Database Systems

Technical Skills

- **Programming**: Python, C++, Bash, SQL
- **Networking Tools**: Nmap, Wireshark, Burp Suite, Amass, dnsrecon
- **Protocols**: TCP/IP, HTTP, SMTP, DNS, LoRaWAN, Sigfox, NB-IoT
- **Operating Systems**: Linux (Ubuntu, Kali), Windows
- **Other**: LaTeX, Git, VirtualBox

Research Experience

Thesis: Applications and Rise of Low-Power Wide Area Networks (LPWANs) 2024–2025
Port City International University

- Investigated LPWAN technologies (LoRaWAN, Sigfox, NB-IoT) for IoT applications in smart cities, agriculture, and healthcare.
- Developed a Python-based simulation to model LPWAN data transmission for agricultural IoT, focusing on low-power and long-range communication.
- Analyzed market trends and future potential of LPWANs in global IoT ecosystems.

Projects

Network Security Reconnaissance 2024

- Used Amass and dnsrecon for DNS enumeration to map subdomains and IP addresses of target domains.
- Conducted Nmap scans on IPs (e.g., 95.161.64.16) to identify open ports and services like SMTP and HTTP.
- Prepared a detailed report simulating a bug bounty submission, adhering to ethical hacking guidelines.

LPWAN-Based Smart Waste Management Simulation 2024

- Designed a Python script to simulate LPWAN-based data collection for smart waste bins, inspired by Seouls smart city initiatives.
- Evaluated energy efficiency and scalability of LoRaWAN for urban IoT applications.

Work Experience

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

- Monitored network traffic using Wireshark and identified potential security vulnerabilities.
- Assisted in configuring secure Wi-Fi networks and implementing firewall rules.
- Documented network configurations and provided recommendations for improving security.

Certifications

- TryHackMe: Introduction to Cybersecurity (2024)
- Coursera: Python for Everybody (2023)
- Cisco Networking Academy: Introduction to Networks (2023)

Publications

lated to your thesis

Languages

- English (Fluent), Bangla (Native)

References

Available upon request.