Abhishek Kumar

Semari, Bihar 8 0 2 2 1 1

📞 +91 7369041140   ✉️ abhishekkum.6973@gmail.com   in linkedin.com/in/abhishekkum73   ⌽ github.com/Abhishek-kum73

Projects

Network Scanner / *Python, Nmap* — **January 2025 - February 2025**

- Developed a network scanning tool using Python to detect active devices and open ports within a network.
- Implemented socket programming and Scapy for efficient packet analysis and scanning.
- Provides detailed IP, MAC address, and service information for network security assessment.

Encryption & Decryption / *HTML, CSS, JavaScript* — **October 2024 - November 2024**

- Developed a secure web-based encryption and decryption tool using JavaScript.
- Implemented AES and Caesar cipher algorithms for secure data encryption.
- Enables users to encrypt and decrypt text/messages for enhanced privacy and security.

Password Strength Checker | Python — **August 2024 – September 2024**

- Developed a password strength analysis tool using Python to assess security levels.
- Provides real-time feedback on length, character diversity, and common vulnerabilities.
- Helps users create strong, secure passwords to enhance cybersecurity.

Certificates

Advent Of Cyber 2024 — **January 2025**
TryHackMe link:

Ethical Hacking Essentials (EHE) — **October 2024**
Coursera by EC-Council link:

Digital Forensics Essentials (DFE) — **September 2024**
Coursera by EC-Council link:

The Bits and Bytes of Computer Networking — **January 2024**
Coursera by Google link:

Introduction To Hardware and Operating Systems — **October 2023**
Coursera by IBM link:

Achievements

- *Successfully solved over 43 room challenges on TryHackMe, demonstrating expertise in cybersecurity concepts and hands-on problem- solving.*
- *Earned multiple badges, including the OWASP Top 10, showcasing proficiency in web security vulnerabilities.*
- *Ranked in the top 6% on TryHackMe, highlighting strong skills in ethical hacking, penetration testing, and cybersecurity assessments.*

Technical Skills

Languages: C++, Java, JavaScript, CSS, Python, Bash, C

Technologies/Frameworks: Hash Cracker, Linux PrivEsc, Pentesting principals, OWASP 10, Git, GitHub, Ubuntu, Kali Linux, Black arch Linux

Skills: Data Structures and Algorithms, Problem-Solving, Nmap, Metasploit, Recon-ng, Maltego, Wireshark, Burp suite, OSI Model, Hydra, Cryptography

Education

Lovely Professional University Punjab — **2022 – 2026**
B.Tech-Computer Science and Engineering — CGPA: 7.02 — *Phagwara, Punjab*

Patel College — **2020 – 2022**
12th with Science — Percentage: 63% — *Bikramganj, Bihar*

The Divine Public School — **2016 – 2020**
10th with Science — Percentage: 74% — *Bikramganj, Bihar*