MAYANK KUMAR KHARWAR

mayankkharwar19@gmail.com | +91 9027352109 | Dehradun, Uttarakhand

Portfolio | Github | LinkedIn

SUMMARY

Result-oriented B.Tech CSE student specializing in Cybersecurity with hands-on project experience in penetration testing, vulnerability assessment and secure coding. Skilled in Linux and security frameworks with a strong foundation in risk management and incident response. Seeking a cybersecurity internship to learn, grow professionally and solve real-world problems in the domain.

EDUCATION

DIT University, Dehradun | August 2023 - May 2027

B.Tech Computer Science with Specialization in Cybersecurity and Privacy

Relevant Coursework: Network Security, Cryptography, Design & Analysis of Algorithms, Data Structures, Operating Systems, and Database Management

KEY SKILLS

Languages: Java, Bash, C, SQL, Python

Security Tools: Wireshark, Metasploit, Burp Suite

Systems & Platforms: Linux (Ubuntu, Kali), Windows, Docker

Security Domains: Network Security, Penetration Testing, Vulnerability Assessment, Threat Analysis, Cryptography, Incident Response, API Security (Authentication & Authorization flaws, IDOR vulnerabilities, OWASP Top 10 risks)

Databases: MySQL

Development Tools: VS Code, Jupyter Notebook

Interpersonal Skills: Ownership Mindset, Communication, Teamwork, Problem Solving, Detail Oriented, Adaptability

PROJECTS

Wi-Fi Security Analyzer | September 2025

- Developed a Python-based Tool to analyze Wi-Fi networks for weak encryption and security misconfigurations
- Identified vulnerable setups with 90% detection accuracy during testing
- Github: https://github.com/Coding-with-Mayank/wifi-security-analyzer

Fake News Detection System | October 2025

- Built an ML-based system using NLP (TF-IDF, NLTK) and Random Forest for fake news classification
- Evaluated model performance on labeled datasets and implemented real-time prediction functionality
- Github: https://github.com/Coding-with-Mayank/fake-news-detection-system

Advanced Bug Bounty MCP Server | November 2025

- Created an AI-assisted platform for bug bounty reconnaissance and security research automation
- Supports OWASP/API security workflows and automated asset discovery
- Github: https://github.com/Coding-with-Mayank/advanced-bugbounty-mcp

CERTIFICATIONS

- **Database Management Essentials** - University of Colorado (Coursera) **| March 2025**
- **Linux Fundamentals** - LearnQuest (Coursera) **| March 2025**

VOLUNTEERING

Event Coordinator - University Annual Fest | November 2025

- Led the coordination of the University Annual Fest event for the Literature Department, managing 300+ attendees
- Managed event timeline, resource allocation, and resolved real-time operational challenges to ensure successful event completion