

Nikhil Kumar

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Aspiring Cyber Security Professional

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VIT Bhopal University, MP

Motivated cybersecurity enthusiast with hands-on experience in ethical hacking, blue teaming, and system security. Skilled in threat detection, incident response, and vulnerability assessment. Experienced in documenting labs and technical workflows to support learning and knowledge sharing.

Education

Bachelor of Technology (B.Tech)

Oct 2022 - Ongoing

- Vellore Institute of Technology, Bhopal
- Computer Science and Engineering (Cybersecurity & Digital Forensics)
- CGPA: 7.89/10

Intermediate

Jul 2013 - Jul 2022

Kendriya Vidyalaya, Ahmedabad

- Class 12th (Senior Secondary): 80% || Class 10th (Secondary): 85%

Training and Certifications

- **Google Cyber Security Certificate:** Covered Linux, MySQL, Python, and cybersecurity fundamentals including network security, risk management, and incident response using tools like Wireshark and Splunk
- **TryHackMe – Advent of Cyber 2024 (Certificate of Completion):** Gained hands-on experience in cyber risk management, audits, IAM, DLP, and incident response. Proficient in network and web security (OWASP Top 10), privilege escalation, malware analysis, cryptography, and threat hunting, with practical exposure to vulnerability exploitation and digital forensics.
- **Bits and Bytes of Computer Networking (Coursera):** Covered core networking concepts such as TCP/IP, DNS, DHCP, routing, switching, and troubleshooting, with a strong focus on how computers communicate across modern networks
- **EC-Council Network Security:** Developed foundational knowledge of networking concepts, protocols, and security. Completed hands-on labs to analyze threats such as identity theft and cyber-attacks, and gained practical experience using Zeek for network traffic monitoring and intrusion detection.

Practical Projects

- **CyberDefenders Blue Team Labs Participation:** Engaged in realistic, labs simulating real-world scenarios , enhancing the skills in threat detection, incident response, digital forensics and malware analysis.

- **TryHackMe Labs Participation:** Completed hands-on labs and CTF challenges across key cyber security domains, enhancing skills in network scanning, vulnerability assessment, web application testing, privilege escalation, Windows forensics, and exploitation techniques.
- **Lab Documentation & Knowledge Building:** Created detailed write-ups and documentation for completed labs and challenges on platforms like TryHackMe and CyberDefenders. Summarized key learnings, attack vectors, remediation steps, and tool usage to reinforce understanding and build a personal knowledge base for future reference.
- **Front-End Web Development Project:** Designed and deployed a responsive website using HTML, CSS, and JavaScript. Implemented custom fonts, visual effects, and clean UI elements to explore modern web design concepts. Hosted on GitHub Pages to demonstrate front-end development skills and practical application of web technologies.

Technical Skills

- **Programming Languages:** C++, Python, Linux Shell Scripting
- **Cybersecurity Tools:** Wireshark, Nmap, OSINT, Nessus, Burpsite
- **Networking:** VLAN setup, Cisco router configuration, LAN troubleshooting
- **Soft Skills:** Project Management, Leadership, Adaptability, Emotional Intelligence