

ABHINAV VK

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 <https://github.com/Abhinav00-error>

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Profile Note

Cybersecurity fresher with a strong foundation in network security, penetration testing, and vulnerability assessment. Passionate about identifying and mitigating security risks through hands-on projects. Seeking an entry-level role to apply my skills in threat analysis, security operations, and risk mitigation to enhance cybersecurity defenses.

Projects

- **Tor Exit Node Finder**
Designed a penetration testing tool to check if an IP belongs to a Tor exit node. It provides detailed IP information for analyzing network traffic and anonymity risks, with features like exit node detection and comprehensive IP analysis
- **Sub Domain Finder**
Designed to discover subdomains and check for takeover vulnerabilities, this tool scans for CNAME records, inactive subdomains, and misconfigurations. Currently in development, it is continuously improving for better detection and reporting
- **Automated Ip Scanner**
I created a network scanning tool that automates Nmap, simplifying reconnaissance and identifying open ports, services, and vulnerabilities.
- **Mac Spoofer**
I created a tool to spoof MAC addresses on Linux, aiding penetration testing, anonymity, and network security assessments.
- **Rabbit Mac Changer**
Developed a GUI interface for the MAC changer tool to enhance usability and performance and makes user interface so easy
- **DESTRO**
Developed a C++ forensic tool for secure data handling, including sanitization, multi-pass overwriting, and boot record management, with cross-platform support(Private Github Repository Access Available Upon Request)

Skills

- Penetration Testing & Ethical Hacking: Kali Linux, Nmap, Metasploit, Burp Suite, OWASP Top 10
- Networking & Security Basics: TCP/IP, OSI Model, VPNs, IDS/IPS
- SIEM & Log Analysis: Splunk, ELK Stack, Sysmon, Windows Event Logs
- Malware Analysis: VirusTotal, YARA Rules, Reverse Engineering Basics
- Identity & Access Management (IAM): Active Directory, Role-Based Access Control (RBAC), SAML
- Endpoint Security: Microsoft Defender, Antivirus Tools
- Threat Intelligence & OSINT: MITRE ATT&CK, Basic Social Engineering Awareness

Certificates

- Tata Cyber Security Analyst Job Simulation on Forge - Tata 2025
- Network Security: Scan Networks With Zenmap - Udemy 2025
- Recon Ninja: Advanced Info Gathering for Ethical Hackers - Udemy 2025
- PowerShell for Windows Security: Beginner's Guide - Udemy 2025

Education

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| • Red Team Hacker Academy
1 year Diploma in Cyber security | 2025 |
| • GPTC Meenangadi
3 year Diploma in Electronics Engineering | 2024 |