Krushnal Mahajan

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📰 SUMMARY

Strong foundation in Networking (CCNA fundamentals, VLANs, routing, switching) and hands-on skills in Vulnerability Assessment and Penetration Testing (VAPT) using tools like Nmap, Burp Suite, and Metasploit. Actively seeking an entry-level role in cybersecurity or networking to apply technical knowledge and grow professionally.

🎓 EDUCATION

Saraswati college of engineering | University of Mumbai | BE   2025

- Computer Engineering | **CGPA:** 8.08

New English School Junior College Jamner, Jalgaon | HSC   2021

- HSC (Class XII) | **Percentage:** 80.33%

🧠 SKILLS

- **Networking & Infrastructure:** TCP/IP, OSI Model, DHCP, DNS, Routing & Switching, Vyatta Router Configuration
- **Operating Systems:** Windows Server 2019, Linux (Kali Linux, Parrot OS)
- **Firewalls & Network Security:** Palo Alto Firewalls (Rule Configuration)
- **Security Tools & Technologies:** Nmap, Wireshark, Burp Suite, Gobuster, Maltego
- **Web Application Security:** SQL Injection, Cross-Site Scripting (XSS), CSRF, Authentication Bypass (hands-on practice with PortSwigger Labs)
- **TryHackMe** — hands-on labs (networking, web, and Windows basics)

📁 PROJECTS

DDoS Attack Simulation and Defence using Palo Alto Firewall
Tools & Tech: Kali Linux, Windows Server, hping3, Wireshark, Palo Alto Firewall, VMware

- Simulated SYN flood DDoS attack using Kali Linux targeting a Windows web server.
- Captured and analysed malicious traffic using Wireshark to identify attacker's IP.
- Configured Palo Alto Firewall (zones, interfaces, static routes, policies) and created a custom blocking rule.
- Verified mitigation through log analysis and restored server availability.
- **Result:** Successfully mitigated the simulated DDoS attack in real time.

🧩 EXPERIENCE

Cyber Security Intern | UptoSkills (Remote)   **June 2025 – September 2025**

- Performed vulnerability assessments and ethical hacking tasks to identify flaws.
- Participated in attack-defence simulations, applying OWASP Top 10 concepts.
- Analysed network traffic using Wireshark; performed port scanning with Nmap.
- Conducted web security testing with Burp Suite (PortSwigger labs + real-world scenarios).
- Documented findings and analysis in security reports: *medium.com/@krushnalmahajan19*

🎖 CERTIFICATIONS

- **PG Diploma in Cyber Security** – IIHT Kharghar (completed)
- **Ethical Hacking & Pentest Mastery**: **Complete Cybersecurity**– Udemy (Sep 2025)
- **Introduction to Cybersecurity –** Cisco Networking Academy (Feb 2025)
- **CCNA 200-301: Network Fundamentals –** Simplilearn (Completed)
- **Hackathon Participant –** VPPCOE, Mumbai (2023)