

Krushnal Mahajan

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SUMMARY

To begin my career as a Desktop Support / IT Support Engineer, where I can use my knowledge of hardware, networking, Windows installation, troubleshooting, and cybersecurity to support users and solve technical issues. To obtain an entry-level Desktop Support role where I can use my technical knowledge, quick learning ability, and problem-solving skills to grow my career in the IT field.

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

- **Desktop Support:** Windows Installation
- **Hardware:** RAM, SSD, HDD
- **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.
- 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)