

KARTHIKEYAN S

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PROFESSIONAL SUMMARY

Certified Ethical Hacker (CEH v12) and Integrated M.Tech candidate specializing in Cybersecurity. Offers hands-on experience in **VAPT and SOC operations**, having executed penetration tests and managed real-time log monitoring using Wazuh SIEM. Proven ability to streamline security workflows through **n8n automation** and architect secure home lab infrastructure using **Proxmox and Docker**.

EDUCATION

VIT Bhopal University

Nov 2022 – Present

Integrated M.Tech Computer Science (Specialization in Cybersecurity)

Bhopal, Madhya Pradesh

- CGPA: 7.09/10.0
- Coursework: Penetration Testing, Red Teaming, CTF's, AI.

WORK EXPERIENCE

Cybersecurity Intern

Oct 2025 – Jan 2026

Tevel Cyber Corps Private Limited

Chennai, Tamilnadu

- Executed DDoS Penetration Testing and Web Application VAPT
- Designed and deployed Security Automation workflows using n8n
- Managed SOC Operations using Wazuh SIEM; performed real-time log monitoring
- Incident creation, and Root Cause Analysis (RCA) and Documentation
- Built vulnerable labs (Windows, Linux, AD), and CTF development
- Configured Fortinet Firewalls and Proxmox
- Conducted advanced research on Adversarial AI, OSINT investigations
- Performed Digital Forensic Investigations

PROJECTS

Cybersecurity Homelab & Infrastructure

Jan 2026

Technologies: Proxmox VE, Docker, Tailscale, Linux, OpenMediaVault

- Architected a bare-metal virtualization cluster using Proxmox VE and OpenMediaVault, deploying a centralized NAS with automated remote backups.
- Engineered secure remote access using Tailscale Subnet Routing, enabling isolated management of local subnets without public port exposure.
- Deployed containerized services (Uptime Kuma, Jellyfin) via Docker/Portainer and maintained 24/7 headless uptime through custom Linux power management.

CERTIFICATIONS

Certified Ethical Hacker (CEH v12) Issued by EC-Council

Dec 2024

- **Score:** 111/125 (88.8%)
- Demonstrated comprehensive mastery of offensive security principles and penetration testing methodologies.

SKILLS

- **VAPT & Security:** Burp Suite, Nmap, Nessus, Metasploit, Bloodhound, Wireshark.
- **SOC & Operations:** Wazuh SIEM, Incident Response, Root Cause Analysis (RCA).
- **Automation & Scripting:** n8n (Security Automation), Python, Bash Scripting.
- **Infrastructure:** Active Directory, Proxmox VE, Fortinet Firewalls, Docker, Linux (Kali/Ubuntu), Windows Server.
- **Forensics:** Maltego, OSINT Frameworks, Digital Forensics, Autopsy.
- **Languages:** English, Tamil (Fluent); Japanese (Conversational).