

# 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

<b>VIT Bhopal University</b>	<b>Nov 2022 – Present</b>
<b>Integrated M.Tech Computer Science (Specialization in Cybersecurity)</b>	Bhopal, Madhya Pradesh
<ul style="list-style-type: none"><li>CGPA: 7.09/10.0</li><li>Coursework: Penetration Testing, Red Teaming, CTF's, AI.</li></ul>	

## WORK EXPERIENCE

<b>Cybersecurity Intern</b>	<b>Oct 2025 – Jan 2026</b>
<b>Tevel Cyber Corps Private Limited</b>	Chennai, Tamilnadu
<ul style="list-style-type: none"><li>Executed DDoS Penetration Testing and Web Application VAPT</li><li>Designed and deployed Security Automation workflows using n8n</li><li>Managed SOC Operations using Wazuh SIEM; performed real-time log monitoring</li><li>Incident creation, and Root Cause Analysis (RCA) and Documentation</li><li>Built vulnerable labs (Windows, Linux, AD), and CTF development</li><li>Configured Fortinet Firewalls and Proxmox</li><li>Conducted advanced research on Adversarial AI, OSINT investigations</li><li>Performed Digital Forensic Investigations</li></ul>	

## PROJECTS

<b>Cybersecurity Homelab &amp; Infrastructure</b>	<b>Jan 2026</b>
Technologies: Proxmox VE, Docker, Tailscale, Linux, OpenMediaVault	
<ul style="list-style-type: none"><li>Architected a bare-metal virtualization cluster using Proxmox VE and OpenMediaVault, deploying a centralized NAS with automated remote backups.</li><li>Engineered secure remote access using Tailscale Subnet Routing, enabling isolated management of local subnets without public port exposure.</li><li>Deployed containerized services (Uptime Kuma, Jellyfin) via Docker/Portainer and maintained 24/7 headless uptime through custom Linux power management.</li></ul>	

## CERTIFICATIONS

<b>Certified Ethical Hacker (CEH v12) Issued by EC-Council</b>	<b>Dec 2024</b>
<ul style="list-style-type: none"><li>Score: 111/125 (88.8%)</li><li>Demonstrated comprehensive mastery of offensive security principles and penetration testing methodologies.</li></ul>	

## SKILLS

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