SANTHOSH M
IOT, NETWORKING & CYBERSECURITY ENGINEER

CONTACT

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Location: Chennai, Tamil Nadu

EDUCATION

B.Tech – Information Technology
Sri Ramachandra Faculty of Engineering and Technology
Specialization: Cybersecurity & IoT

SKILLS

- Networking: TCP/IP, OSI, VLAN, Routing/Switching

- Security: Threat Monitoring, Incident Response, Ethical Hacking

- Tools: Wireshark, Nmap, Splunk, Kali Linux, Burp Suite

- Automation: Python, AI Testing, Selenium

- Web Dev: HTML, CSS, JavaScript

CERTIFICATIONS

- CEH – Certified Ethical Hacker (In Progress)

- CCNA – Routing & Switching (In Progress)

LANGUAGES

- English – Fluent

- Tamil – Native

PROFILE SUMMARY

Results-driven Networking and Cybersecurity Engineer with 2+ years of experience in network configuration, threat monitoring, and IT training. Proficient with routers, switches, firewalls, Wireshark, and Nmap. Recently built and deployed **TestWheel AI**, an AI-powered QA automation platform reducing resolution time by 60%. Passionate about secure infrastructure and training future cybersecurity professionals.

WORK EXPERIENCE

IT Trainer – Cybersecurity & Web Dev
TN Skill Development Corporation (Jeyram Educational Trust)
Jan 2025 – Present

- Delivered training on Network Security, Ethical Hacking, Secure Coding, and Web Development for 100+ students.

- Developed **TestWheel AI**: manual + AI-driven automated test-case generation using LLMs.

- Built and deployed two live production chatbots reducing QA support resolution time by 60%.

Cybersecurity Tracer
NEXUS GLOBAL Solutions Pvt. Ltd., Chennai
Jan 2024 – Nov 2025

- Monitored network traffic using Wireshark and Splunk.

- Configured firewall rules, ACLs, and VPN access.

- Performed vulnerability scans and patching (reduced vulnerabilities by 40%).

- Prepared ISO 27001 and SOC 2 compliance reports.

Security Analyst Intern
Forte Management Services, Chennai
2023

- Monitored logs and activities for 500+ accounts.

- Performed access validation, incident reporting, and SOP documentation.

PROJECTS

TestWheel AI – Automation Platform

- Built end-to-end AI test-case generation using Python, LangChain, and OpenAI.

- Deployed 24/7 chatbots serving live users.

Cytacs – Threat Intelligence Tool

- Contributed to open-source threat feed aggregation and automated alerting.