

MAHENDIRAN

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 Chennai, Tamil Nadu, India

PROFESSIONAL SUMMARY

Detail-oriented and motivated Network Engineer with strong knowledge of networking fundamentals, VLANs, routing, and switching. Recently trained in network security and hands-on with Cisco Packet Tracer, Wireshark, and Metasploit. Seeking an entry-level role to apply technical skills, learn advanced enterprise networking, and contribute to IT infrastructure reliability and cybersecurity enhancement.

WORK EXPERIENCE

Network Engineer Intern, TCP International Inc

May 2025 - Nov 2025

- Designed and configured LAN/WAN architectures with VLAN segmentation.
- Implemented and managed DHCP, NAT, and DNS services.
- Diagnosed and resolved critical network issues, maintaining 89.5% uptime.
- Assisted in system administration tasks including user account management and access control.
- Monitored network performance and applied proactive maintenance.
- Utilized Webmail as a ticketing tool for support requests.
- Contributed to attendance, inventory, and event management systems.
- Hardware & System Management: identified system specs, cleaned PCs, upgraded RAM/GPU, crimped Ethernet cables.
- Network Device Maintenance: tested and maintained Wi-Fi routers and switches.

TECHNICAL SKILLS

- Networking:** VLAN Configuration, Inter-VLAN Routing, DHCP, DNS, Network Troubleshooting, Cisco Packet Tracer
- Cybersecurity & Monitoring:** SIEM/Log Analysis (Splunk, Wazuh), Network Scanning (Nmap), Web Security (Burp Suite), Wireshark Packet Analysis
- System Administration & OS:** Windows Server (User Management), Ubuntu / Linux, Linux Commands
- Hardware & Support:** PC Assembly & Upgrades (RAM, SSD, GPU), BIOS/UEFI Configuration, Ethernet Cable Crimping, Peripheral Troubleshooting
- Programming:** Python (Automation & Security Scripts)
- Tools & Platforms:** Cisco Packet Tracer, Wireshark, Nmap, Burp Suite, Splunk, Wazuh, Metasploit, VMware Workstation, Linux
- Router / Switch Configuration:** Cisco IOS commands for switch and router configuration (VLANs, trunking, interface settings, routing configuration)

PROJECTS

- Office Network Simulation (Packet Tracer):** VLAN-based office network with Router-on-a-Stick configuration, DHCP setup, and inter-VLAN routing.
- Student ID Card System (Web-Based):** Developed a web-based college ID system with QR code profile display and complaint submission portal.
- Metallurgical Inspection Report System:** Built a PHP-based system to display metallurgical test results and generate automated reports from a database.

EDUCATION

Bachelor of Science – Information Technology

Jun 2022 - May 2025

Govt Arts College (A), Coimbatore-Tamil Nadu

Graduated: May 2025 | Grade: 75%

CERTIFICATIONS

- Cisco Networking Essentials (2025)
- Google Cybersecurity Certificate (2025)
- Cybrary SOC Analyst (2025)