

Sanjaykumar P

Network Engineer

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Executive Summary

Network Engineer with 9+ months of hands-on experience as a Wireless Testing Engineer, with strong CCNA-level knowledge in routing, switching, and network troubleshooting. Experienced in wireless network traffic analysis using Wireshark, Linux-based network environments, and protocol-level troubleshooting. Hands-on experience with VLANs, trunking, inter-VLAN routing, DHCP, EtherChannel, STP, static/default routing, OSPF, and EIGRP through enterprise network lab simulations. Seeking a Network Engineer role to apply networking knowledge, troubleshooting skills, and practical lab experience in an enterprise environment.

Education

B.Sc. Computer Science, Kongu Arts and Science College, Erode June 2022 – May 2025

- GPA: 8.01 / 10.0
- Relevant coursework: Operating Systems, Networking Fundamentals, Digital Electronics, Software Engineering Life Cycle.

Experience

Wireless Testing Engineer, Alethea Communications Technologies Oct 2025 – Jul 2026

- Captured and analyzed wireless network traffic using Wireshark during test validation cycles, identifying connectivity, latency, and protocol-level issues prior to product release.
- Configured, installed, and maintained Linux-based network and test environments, ensuring system readiness for 4 test cycles per release.
- Executed sanity testing, quality assurance, and release validation across 9 product builds, verifying network functionality and stability before shipment.
- Reproduced, diagnosed, and documented network and system-level defects, collaborating with Development and Product Validation teams to drive resolution.
- Supported technical ticket resolution on an as-needed basis, coordinating cross-functionally to help maintain release timelines.

Technical Skills

- **Routing:** Static Routing, Default Routing, OSPF (Single Area), EIGRP
- **Switching:** VLANs, Inter-VLAN Routing, Trunking, DTP, STP, EtherChannel (LACP, PAGP), VTP
- **Networking Services:** IP Addressing, Subnetting, VLSM, TCP/IP, DHCP, DHCP Relay, NTP, SNMP, Syslog
- **Security Access:** Standard ACL, Extended ACL, Port Security, Static NAT, Dynamic NAT, PAT, HSRP, VRRP, SSH, Telnet
- **Tools:** Wireshark, Cisco IOS

Projects

Multi-Office-Enterprise-Network [GitHub Link](#)

- Designed and implemented a simulated multi-office enterprise network in EVE-NG, connecting two sites through a central Edge Router, supporting 6 departments across 6 VLANs and 12+ end devices.
- Configured inter-VLAN routing, OSPF (link-state routing), and DHCP across department VLANs — HR, Sales, Finance, Developer, Testing, and Automation — enabling dynamic addressing and cross-department connectivity.
- Configured the Edge Router with a default route to the ISP and implemented PAT, enabling internet access for all internal hosts through a single public IP.

Languages Known

- English – Professional working proficiency
- Tamil – Native proficiency