



PROFESSIONAL SUMMARY

- Network Engineer with hands-on experience in **Cisco switching and routing, firewall administration, and network security** for global enterprise environments.
- Expertise in **BGP, OSPF, and EIGRP** routing protocols, ensuring high-performance WAN/LAN infrastructure.
- Proficient in **Fortinet firewalls, FortiManager, Meraki wireless networks, SD-WAN, and Microsoft Azure cloud networking** for scalable and secure solutions.
- Adept at troubleshooting and resolving complex network issues by leveraging deep knowledge of the **OSI model** and industry best practices.
- Experienced in designing, implementing, and managing **WAN and LAN solutions** across multiple locations, including cloud-hosted and interactive services.
- Strong ability to lead network infrastructure projects, including **hardware specification, vendor management, and configuration**.
- Ensures enforcement of **network security policies** to align with industry standards and compliance requirements.
- Excellent communicator and collaborator, effectively working with **cross-functional teams, vendors, and customers** to optimize networking solutions.
- Holds **Cisco Certified Network Associate (CCNA)** and **Fortinet Certified Associate (FCA)** certifications, demonstrating advanced networking proficiency.

Technical SKILLS

- **Programming Languages:** Python (for network automation)
- **Networking:** Cisco Switching, Cisco Routing, SD-WAN, MPLS, VLAN, VPN
- **Routing Protocols:** BGP, OSPF, EIGRP
- **Security & Firewalls:** Fortinet Firewalls, FortiManager, Cisco ASA, Palo Alto Networks
- **Cloud Networking:** Microsoft Azure Networking, AWS VPC, Azure ExpressRoute
- **Wireless Networks:** Cisco Meraki, Aruba Wireless, RADIUS Authentication
- **Monitoring & Automation:** SNMP, NetFlow, Wireshark, Ansible, Terraform
- **Network Tools:** SolarWinds, PRTG, Splunk

WORK EXPERIENCE

Cloud &Networking Engineer01/2024 – 03/2025

Cloud Matrix

- Designed, deployed, and maintained **WAN/LAN networks** across 100+ global locations, ensuring high availability and seamless communication.
- Configured and managed **Cisco routers and switches** to optimize enterprise network performance and security.
- Implemented and troubleshoot **BGP, OSPF, and EIGRP routing protocols** to enhance network efficiency and reduce downtime.
- Led **firewall administration** by configuring and maintaining **Fortinet firewalls and FortiManager**, improving security compliance.
- Integrated **SD-WAN solutions** to optimize network performance across multiple jurisdictional offices and cloud environments.
- Designed and enforced **network security policies** to mitigate cyber threats and align with industry best practices.
- Assisted in **Azure cloud networking** configuration, including VPNs, ExpressRoute, and firewall integration.
- Conducted **network assessments and optimizations**, reducing infrastructure costs while improving performance.
- Collaborated with cross-functional teams to support customer connectivity, third-party integrations, and global network expansion.
- Troubleshoot **complex network issues**, leveraging packet analysis and OSI model knowledge to minimize downtime.
- Evaluated **emerging network technologies** to enhance corporate connectivity and streamline IT infrastructure.
- Coordinated with vendors to procure and deploy network hardware, ensuring timely delivery of infrastructure projects.
- Enforced network security policies across WAN/LAN environments, ensuring compliance with industry best practices and cybersecurity framework.
- Led vendor negotiations and procurement processes for network hardware and services, ensuring cost-effective deployments across 100+ global locations.

Network Engineer06/2019– 08/2022

Amazon

- Assisted in the deployment of **Cisco switches, routers, and firewalls**, supporting enterprise network operations.
- Monitored and maintained network **WAN/LAN connectivity**, ensuring uptime across 50+ corporate offices.
- Configured **Meraki wireless networks**, providing secure and scalable Wi-Fi solutions for enterprise users.
- Troubleshoot **VPN and SD-WAN** connectivity issues, ensuring seamless remote and branch office operations.
- Assisted in **firewall policy creation and implementation**, improving network security and compliance.
- Supported **Azure cloud networking configurations**, including VPN gateways and ExpressRoute integrations.
- Conducted **network performance analysis**, using tools like **Wireshark and SolarWinds** to detect and resolve bottlenecks.

- Assisted in vendor evaluations and procurement processes, ensuring cost-effective network hardware investments.
- Developed network automation scripts in **Python**, reducing manual configuration tasks and improving efficiency.
- Provided support and training to junior engineers and IT support staff on network best practices.
- Created documentation for **network topologies, security configurations, and troubleshooting procedures**.
- Participated in corporate **disaster recovery planning**, ensuring business continuity in case of network failures.
- Researched and tested **new networking technologies**, recommending improvements to senior engineers.

PROJECTS

Project 1: Enterprise SD-WAN Deployment

- Led the design and deployment of an SD-WAN solution across 50+ global offices, improving network efficiency and cost savings.
- Configured and optimized BGP and OSPF routing for seamless WAN connectivity between on-premises and Azure cloud infrastructure.
- Integrated Fortinet firewalls and Meraki wireless networks to enhance security and streamline network access.
- Achieved a 30% reduction in latency and 40% improvement in application performance across corporate locations.

Project 2: Firewall & Network Security Enhancement

- Designed and implemented network security policies by configuring Fortinet firewalls and Cisco ASA across enterprise networks.
- Automated firewall rule audits using Python, ensuring compliance with security best practices and reducing vulnerabilities.
- Deployed VPN solutions and intrusion detection systems, enhancing remote access security for over 2,000 employees.
- Strengthened cybersecurity defenses, reducing network security incidents by 60% within six months.

EDUCATION

Master of Computer Science | University of Bridgeport

Bachelor of Technology | Jawaharlal Nehru Technological University, Hyderabad

CERTIFICATIONS

- Google network Engineer
- CCNA
- FCA- In Progress
- CompTIA Network+- In progress
- Certified Information Systems Security Professional (CISSP) – In Progress

ADDITIONAL SKILLS AND QUALIFICATIONS

- **Risk Management:** Identifying, assessing, and mitigating risks to information systems and infrastructure.
- **Incident Response Planning:** Developing and implementing comprehensive incident response strategies and playbooks.
- **Disaster Recovery and Business Continuity:** Planning for and ensuring recovery from cybersecurity incidents or system failures.
- **Zero Trust Architecture:** Implementing and managing Zero Trust security models to enhance access control and data protection.
- **Desire for Growth:** Eager to work in a challenging environment that encourages learning and professional development.