

**RAJESH KONDA**

**CLOUD & NETWORK ENGINEER**

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**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 Engineer 01/2024 – 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 troubleshot **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.
* Troubleshot **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 Engineer**   **06/2019– 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.
* Troubleshot **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**

**1Project 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.