

CHANDRAKANTH GANGONI [Network Engineer]

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SUMMARY:

- Dynamic Network Engineer with 4+ years of experience in architecting, deploying, and optimizing high-performance network infrastructures.
- Proficient in Scripting and Automation using advanced programming languages such as Python, Go, and Bash to streamline network operations and enhance efficiency.
- Expertise in Network Protocols including TCP/IP, OSPF, BGP, and EIGRP, with a proven track record of troubleshooting and optimizing complex network environments.
- Skilled in Network Security and device management, including Cisco Catalyst, Nexus switches, and Juniper routers, with a strong emphasis on implementing robust security measures such as ACL, NAT, and VPN.
- Advanced Knowledge of Firewall Technologies and security protocols, including Next-Generation Firewalls (NGFW), SSL/TLS, and Intrusion Prevention Systems (IPS) to safeguard network integrity.
- Proficient in Network Monitoring and Management Tools such as SolarWinds, Wireshark, and Nagios, leveraging analytics for proactive performance tuning and incident resolution.
- Experienced in Containerization and Virtualization Technologies including Docker, Kubernetes, and VMware, facilitating agile deployment and resource optimization.
- Version Control Expertise with Git and Subversion, ensuring seamless collaboration and code integrity within cross-functional teams.
- In-depth Understanding of WAN Technologies such as MPLS, SD-WAN, and advanced wireless standards like Wi-Fi 6, enabling scalable and resilient network solutions.
- Committed to Continuous Improvement and professional development, with a strong foundation in Agile methodologies and ITIL best practices for enhanced service delivery.
- Collaborative Team Player with exceptional communication skills, dedicated to delivering innovative and high-quality network solutions that align with organizational objectives.

SKILLS:

- **Programming Languages:** Python, Go, YAML, Bash, PowerShell, Perl, C/C++
- **Operating Systems:** Windows, MacOS, Linux (Red Hat, Ubuntu)
- **Networking Protocols:** TCP/IP, Ethernet, EIGRP, OSPF, BGP, STP, DNS, DHCP, SIP, UDP, IPv4/IPv6, SNMP, SMTP, HTTP, FTP, Telnet, SSH, IPSec
- **Authentication & Security:** ACL, NAT, RADIUS, TACACS, VPN, SSL/TLS, IKEv2
- **Networking Technologies:** LAN, WAN, WLAN, VLAN, VPN, MPLS, SD-WAN, Firewall management, NAT/PAT, QoS (Quality of Service)
- **Network Devices:** Cisco Catalyst, Cisco Nexus, Juniper E/J/M series routers and switches, Wireless Access Points
- **Network Management & Monitoring Tools:** SNMP, Syslog, SolarWinds, Wireshark, Nagios, Cisco Prime Infrastructure, Ansible (for network automation), Puppet
- **Container & Virtualization Technologies:** Docker, Kubernetes, VMware (VCAC, VCenter), Hyper-V, VirtualBox
- **Version Control:** Git, Subversion (SVN)
- **Routing & Switching Protocols:** RIP, OSPF, EIGRP, BGP, VTP, STP, RSTP, MST, HSRP, VRRP, LACP, VLANs
- **Load Balancer Technologies:** Cisco ACE, F5 Big-IP (LTM, GTM)
- **Firewalls & Security Devices:** Cisco PIX/ASA, Checkpoint, VPN Concentrators, Intrusion Detection Systems (IDS), Intrusion Prevention Systems (IPS), Next-Generation Firewalls (NGFW)
- **WAN Technologies:** Frame Relay, ATM, MPLS, SONET, SDH, DWDM, BGP/MPLS VPN
- **Wireless Standards & Technologies:** LTE, UMTS, CDMA, Mobile IP, Wi-Fi 6, WLAN (Cisco, Aruba)
- **Web/Application Servers:** Apache, WebSphere, WebLogic
- **Methodologies:** Agile, Waterfall, ITIL

EXPERIENCE:

Ameri Source INC

June 2023 to Current

Network Engineer

- Leading the design and implementation of advanced network solutions, including SD-WAN and MPLS, to enhance connectivity and performance across distributed sites.
- Overseeing the migration of legacy systems to modern cloud-based solutions, ensuring minimal disruption to business operations.
- Conducting in-depth network security assessments and implementing next-generation firewall solutions to mitigate risks and enhance security posture.
- Utilizing containerization technologies (Docker, Kubernetes) to streamline application deployment and improve resource utilization within the network environment.

- Collaborating with DevOps teams to integrate network automation tools (Ansible, Puppet) into CI/CD pipelines, facilitating faster deployment cycles and improved reliability.
- Monitoring network performance and capacity planning using advanced analytics tools, proactively identifying and addressing potential bottlenecks.
- Providing technical guidance and mentorship to junior network engineers, fostering a culture of continuous learning and professional development.
- Engaging with stakeholders to gather requirements and deliver tailored network solutions that align with business objectives and enhance user experience.

Coforge

Jan 2019 - July 2021

Network Engineer

- Designed, implemented, and maintained scalable network infrastructures to support organizational growth and operational efficiency.
- Configured and managed routing and switching protocols (RIP, OSPF, EIGRP, BGP) to ensure optimal data flow and network performance.
- Conducted regular network assessments and performance tuning using monitoring tools such as SolarWinds and Nagios, leading to a 30% reduction in downtime.
- Implemented robust security measures, including firewalls (Cisco ASA, Checkpoint) and VPN solutions, to protect sensitive data and maintain compliance with industry standards.
- Collaborated with cross-functional teams to troubleshoot and resolve complex network issues, enhancing overall service delivery and user satisfaction.
- Developed and maintained comprehensive documentation of network configurations, policies, and procedures to ensure knowledge transfer and compliance.
- Automated routine network tasks using scripting languages (Python, Bash), resulting in improved operational efficiency and reduced manual errors.
- Assisted in the deployment and management of wireless networks, ensuring seamless connectivity and performance across multiple locations.

EDUCATION:

- **Master of Science- MS, Computer Software Engineering**
Oklahoma Christian University, 2501 E Memorial Rd, Edmond, Ok
- **B. TECH**
Malla Reddy Engineering College

CERTIFICATION:

- **Cisco Certified Network Associate (CCNA)**