KISHORE GUNDOJU

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## C A R E E R O B J E C T I V

Network Engineer with 10+ years of experience in the industry which includes Designing, Implementation, Installation, Configuration, Deployment, Troubleshooting, Network Operations, Administration Support and Network Security.

# T E C H N I C A L S K I L L S

* **Experience**: Experience in Network Routing, Switching and Security and balancing.
* **Certifications**: CCNA Routing & Switching, CCNP Switching
* **Programing Languages**: C, Python, Bash and HTML
* **DNS Tools**: Infoblox, LINUX BIND, Nokia QIP
* **Hands on Network Gears**: Cisco ASRs, Nexus, NCS, catalyst switches, Juniper MX-960, MX-80 and MX-240 platforms, Cisco ASA Firewalls, Aruba and Cisco Wireless Controllers, Cisco NetFlow, CheckPoints, Zabbix, LibreNMS Juniper SRX, ASA, FortiGate A10/F5/NetScaler LB’s and Infoblox, DNS Bind, PfSense Firewall,98-WLCS, Palo Alto Firewalls, Meraki, Juniper SRX firewalls, F5, NetScaler A10, HAProxy, GigaStore and NGOne Sniffer infra, APCON, Aruba access points and wireless controllers, AWS, Transit Gateways, VPC, Route53.
* **Technical Protocols:** IPv4, IPv6, TCP/IPsec, UDP, LAN/WAN, DNS, DHCP, DMVPN, WINS, RSTP, VTP, STP, 802.1Q, 802.1x Q-in-Q, 802.1x, QoS, RIP, BGP, IBGP, VRF’s, HSRP, Spanning tree, Multicast, EIGRP, OSPF, MPLS, SNMP, AAA, TACACS+, RADIUS Servers configurations, PKI, Handling X509 Certificates, RADIUS server configurations, PKI, handling X509 certificates, VPN, DMVPN SSL, TLS, NAT/PAT, VLAN, SNMP, SYSLOG, Splunk logs, GLBP, FTP, TCP DUMP, HTTP, SSH, RTP, SSIP, DNS, SDN and RYU Controller, Floodlight, OpenFlow switches, Network Function Virtualization (NFV)/SDN.
* **Tools:** Cisco Prime, Cisco ISE, Cisco WAAS WAN optimizers, ASDM, Wireshark, NG1, Viavi Observer, Palo Alto Panorama, Aruba Airwave, Aruba, SDWAN, LAN, SAN, LUN, WAN, WLAN, VxLAN, Aruba ClearPass, IPAM, DNS, DHCP (DDI-Infoblox and QIP)
* **IDE:** Visual Studio Code, Eclipse, PyCharm, Python IDLE
* **Version Control Tools:** GIT
* **Cloud Platforms:** AWS, Azure, Amazon EKS
* **Automation tools:** Ansible, Puppet, Chef
* **Virtual Environments:** VMWare WorkStation, Oracle VirtualBox, ESXi
* **Operating Systems**: Cisco IOS, Nexus, IOS-XR, PANOS, F5 BIG-IP OS, Linux distributions- RedHat, Ubuntu, FreeBSD, Windows.

# E X P E R I E N C E S U M M A R Y

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### Fidelity, Dallas, Network Engineer, SEP 2024 to Present

* Configured, troubleshooting Cisco routers, switches, firewalls, and wireless technologies to ensure seamless connectivity and high availability.
* Documented network designs, configurations, and topology diagrams to streamline deployment and troubleshooting.
* Hands on experience on cisco wireless LAN CONTROLERS and ACCESSES POINTS. Experience in Physical Cabling, IP addressing (ipv4 & ipv6), Wide Area Network configurations (Frame-relay & MPLS), Routing protocol configurations (RIP, EIGRP, OSPF, ISIS BGP), Spanning Tree, HSRP, VRRP.
* Perform day to day DDI operations like adding Hosts, subnets, fixed IP’s, DHCP allocation, tunning DHCP options, Troubleshoot DNS and DHCP related issues.
* Migrated Wireless infrastructure from Cisco DNA platform to Meraki Platform, Aruba platforms
* Configuring VRF’s, HSRP, Spanning tree, Multicast, OSPF, RIP, EIGRP protocols and IP Subnet
* Analyze traffic patterns and tune various network parameters like, idle timeouts, TCP and UDP timers, DoS thresholds, etc on firewalls and troubleshooting.
* Experienced in leveraging cloud-native tools like AWS CloudWatch, Azure Monitor, and GCP stack driver for issue resolution.
* Plan, design and deploy new F5 LTM and GTM and configure VLANs, Self IP addresses, Listener IP’s.
* Maintain life cycle management of firewalls like code upgrade, replace End of Life devices with new hardware.
* Optimized wireless infrastructure to minimize 802.1x auth failures, throughput issues, and spectrum bandwidth allocations.
* Perform code upgrades/ Automated daily tasks and patches on Infoblox servers.
* Configure URL filtering, Zone protection, Authentication policies, DoS parameters based on needs.

**Environment**: Nexus 2k/5k/7k, juniper EX, QFX Cisco 6500/7500/7200 Routers, Broadcom switches, Juniper, SRX100, Palo Alto Fire Walls, checkpoint, Bluecoat proxy server, LAN, WAN, OSPF, RIP, BGP, EIGRP, HSRP, PPP, VPN, Checkpoint, Cisco ASA, Cisco

**USAA, San Antonio, Network Engineer, SEP 2021 to Aug 2024**

* Configure new domains, FQDN’s, A records, CNAME’s, MX records, SRV records, TXT records on Infoblox DNS and Cloud DNS providers like AWS Route 53, Ultra DNS.
* Hands on experience SD-WAN and integrate SDN / NFV in the lab environment.
* Configure ASM/WAF Security policies against DOS, Bot Defense, URL protection, Layer 7 Data inspection
* Worked on Route-Reflectors, troubleshot BGP issues related to customer route prefixes, BGP route filtering policy problems, ORF etc. L2-L3 fabric connect, Routing Protocols, Networking Layer 1, 2, 3 concepts, LAN/WAN technologies, TCP/IP concepts.
* Worked extensively in Configuring, Monitoring and Troubleshooting Cisco ASA 5500/PIX security appliance, Failover DMZ zoning & configuring VLANs/routing/NAT with the firewalls as per the design.
* Configure objects, applications, services/groups and policies for allowing and denying traffic in Panorama and Palo, CheckPoints and Juniper SRX firewalls and CNI
* Configured policy maps, class maps and access lists on Cisco Nexus, ASR 9010 and CRS routers.
* Work with Cisco, Arista, Juniper, Aruba TAC engineers for out-band issues and bugs.

**Environment**: Nexus 2k/5k/7k, Cisco 6500/7500/7200 Routers, Cisco 3550/4500/6500 switches, HP (7510,7506) switches, Brocade VPX, ICX series switches, Palo Alto Firewalls, Viprion 2400 Blue Coat proxy server, LAN, WAN, WLAN, OSPF, RIP, BGP, EIGRP, HSRP, PPP, VPN, Checkpoint, Cisco ISE.

### T-Mobile, Dallas, Network Engineer, Apr 2020 to Aug 2021

* Plan, design and deploy new approaches for application deployment with various load balancing mechanisms like round robin, Zscaler least connection, predictive etc and maintain high availability across various data centers using GTM/DNS and AWS environment.
* Configure SSL offloading for virtual IPs to have SSL/TLS encryption
* Maintained/monitored a multi-vendor LAN/WAN consisting of Juniper, Cisco, and ATM equipment in a multicast heavy network environment.
* Tested various BGP features like local-preference, MED, Weight and replicated customer issue problems in the testing environment lab.
* Configured Palo Alto SD-WAN for dynamic path selection, optimizing network performance and reliability.
* Worked on Aruba RAP infrastructure for deploying remote access points for remote/Work from home users.
* Worked on route redistribution mechanism between BGP, EIGRP, OSPF and static routes for large scale networks.
* Canopy Wireless Device (point to point/point to multipoint), D-Link Wireless (point to point), D-Link Access Point, CISCO 1200 series Access Point, and Linksys Wireless/Wi-Fi Router.

**Environment**: juniper (EX, QFX, Q Fabric) Switches, Broadcom (PEX), Fortinet, Check Point, Palo Alto Firewalls, Cisco ACI, Viprion 2400 Cisco 6500/7500/7200 Routers, Nexus, 5K,7K, LTM, GTM, F5 Load Balancer, ASA, OSPF, BGP, EIGRP, RIP, LAN, WAN, SSL/VPN.

### Comcast, PA, Network Engineer, Nov 2017 to Mar 2020

* Designed, implemented, and maintained secure and scalable network solutions.
* Performed network performance tuning and capacity planning to optimize infrastructure.
* Conducted security audits and implemented firewall policies to enhance network security.
* Configured and managed network devices, including routers, switches, and firewalls.

**Environment**: Switches, Broadcom (PEX), Fortinet, Check Point, Palo Cisco ACI, Viprion 2400 Cisco 6500/7500/7200 Routers, Nexus, 5K,7K, LTM, GTM, F5 Load Balancer, ASA, OSPF, BGP, EIGRP, RIP, LAN, WAN, SSL/VPN

AppLogics, Hyderabad, INDIA Systems Engineer, July 2012 – Nov 2015

* Provided technical support and troubleshooting for LAN/WAN issues.
* Assisted in setting up VLANs, VPNs, and access control lists (ACLs).
* Monitored network performance using tools like SolarWinds and Wireshark.
* Collaborated with the IT security team to identify and mitigate vulnerabilities.
* Documented network configurations, processes, and best practices.

**Environment**: Windows servers, Linux, Wireshark, Cisco, Checkpoint, Loadbalancers

**Scripting:** Innovative thinking and implement new ideas using Python scripting and MySQL database to simplify day to day operations and provide monitoring services.

## E D U C A T I O N

Master of Sciences & Information Technology Management, 2017 University of Campbellsville, Louisville, KY Bachelor of Technology in Electrical and Communication Engineering, 2011, Sri Sail College of Technologies, India

**LINKEDIN**

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