

Sr. Network Administrator Sr. Network Administrator Sr. Network Administrator/Engineer San Jose, CA Over 8+ years of experience in activities related to the design, installation, management, and maintenance of the enterprise-wide LAN, WAN, wireless and network security infrastructure. Expert level capabilities in windows and Linux, enterprise data network standards and network infrastructure. High aptitude to design and implement network solutions based on business requirements. Extensive technical knowledge and experience in monitoring, security, backup, recovery, and maintaining an Enterprise data center. Strong hands on experience in installing(rack and stack), configuring, Cisco IOS/IOS-XR CSM and troubleshooting of Cisco 7600, 7200, 3800, 3600, 2800, 2600, 2500 ,1800 series Routers and Juniper J series j230, M 320 and MX960 routers, Cisco Catalyst 6500, 4500, 3750, 2950, 3500XL series switches. Experience of Cisco LAN Switches, including 6500, 3750 and HP 5500 and 5120 switch installation requirements and guidelines. Good working Knowledge of routing protocols such as RIP V1/V2, OSPF, IGRP and EIGRP. Implementation of HSRP, DHCP, DNS, FTP, TFTP, MRTG. Design and implementation of LAN/WAN, using Cisco routers, hubs and switches. Proficient in Cisco IOS for configuration & troubleshooting of routing protocols: MP-BGP, OSPF, LDP, EIGRP, RIP, MPLS and BGP v4. Knowledge of implementing and troubleshooting complex layer 2 technologies such as VLAN Trunks, VTP, Ether-channel, STP, RSTP and MST. Worked extensively in Configuring, Monitoring and Troubleshooting Cisco's ASA 5500/PIX security appliance, Failover DMZ zoning & configuring VLANs/Routing/NATing with the firewalls as per design. Hands on experience in implementation and deploying BIG-IP F5 LTM load balancers for load balancing and network traffic management for business applications. Experience in layer-3 Routing and layer-2 Switching. Dealt with Nexus models like 7K, 5K, 2Kseries, Cisco router models like 7200, 3800, 3600, 2800, 2600, 2500, 1800 series and Cisco catalyst 6500, 4500, 3750, 3500, 2900 series switches. Ability to Install, Manage & Troubleshoot Large Networks & Systems Administration on Windows & Linux platforms in Development, Lab & Production Environments. Switching tasks include VTP, ISL/ 802.1q, VLAN, Ether Channel, STP and RSTP. Good Understanding of Multiple Contexts in ASA firewalls and implemented different failover mechanisms among ASA firewalls. Worked on F5 LTM

configuring different Load balancing methods Round Robin/Ratio based Etc. Configured different Custom ICMP Monitor on F5 LTM. Experience in Network Management Tools and sniffers like SNMP, HP-Open view, Wireshark and Cisco works to support 24 x 7 Network Operation Center. Experience with Load Balancers for administrating and monitoring global & local traffic. Hands-on experience with installing and managing IT services such as Active directory, site replication, DNS, SSH, DHCP, DNS and NAT. Configured Cisco routers/switches for VOIP including quality of service (QOS) guarantee of voice and data integrity. Experience in testing Cisco routers and switches in laboratory scenarios and then deploy them on site for production. Basic and advance F5 load balancer configurations, including migrating configurations from Cisco ACE to F5 and general troubleshooting of the F5 load balancers. Configure VRRP & GLBP and VLAN Trunking 802.1Q & ISL, STP, Port Security on Catalyst 6500 switches. Hands on experience on Up-gradation of Cisco IOS & Firmware of different Cisco devices & modules. Provides technical leadership for problem escalation and resolution. Highly motivated with the ability to work independently or as an integral part of a team and Committed to highest levels of professional. Authorized to work in the US for any employer Work Experience Sr. Network Administrator AT & T - San Jose, CA March 2018 to Present RESPONSIBILITIES:- In-depth expertise in the analysis, implementation, troubleshooting & documentation of LAN/WAN architecture and good experience on IP services. Maintained responsibility for the network engineer, including Cisco routers and Switching, firewall configuration, deployment, maintenance and troubleshooting. Involved in configuring and implementing of composite Network models consists of Cisco7600, 7200, 3800 series routers and Cisco 2950, 3500, 5000, 6500 Series switches. Assisted in network design, deployment, and maintenance of network hardware. (E.g. Layer2/Layer3 switches, CWDM/DWDM multiplexers and SFP+ optics etc.). Maintain, modify and troubleshoot FortiGate 140D-POE, Juniper SRX 220H2, Cisco 4507R, Ubiquiti AC APs (Client-to-Site VPN, Group Policy, VLANs, Static Routing, WAN Load Balancing, ACLs, Content Filtering, IP Filtering, Application Filtering, Port Forwarding, DHCP, High Availability) Firewall policy provisioning on Fortinet FortiGate appliances using FortiManager. Configuring VPN both B2B and remote access SSL and centralized policy

administration using FortiManager, used Fortigate Clustering Protocol (FGCP) Performed security audits on Cisco ASA, FortiGate and Palo Alto firewalls in Network and secured the network by bringing it to the present security standards. Troubleshooting and implementing changes on Cisco, Checkpoint, FortiGate firewalls, F5 load balancers, Blue Coat proxies, and Juniper SSL/VPN devices. Implemented the policy rules and DMZ for multiple clients of the state on the Fortigate firewall. Performed backup, system upgrades of FortiGate, Cisco ASA and Palo-Alto Firewall appliance, emergency patch application and maintenance. Experience deploying BIG-IP F5LTM Load Balancers for load balancing and traffic management of business application. Knowledge of implementing and troubleshooting complex layer 2 technologies such as VLAN Trunks, VTP, Ether-channel, STP, RSTP and MST. Worked extensively in Configuring, Monitoring and Troubleshooting Cisco's ASA 5500/PIX security appliance, Failover DMZ zoning & configuring VLANs/Routing/NATing with the firewalls as per design. Provided application level redundancy and availability by deploying F5 load balancers LTM. Performed load balancing and application level redundancy by deploying F5 BIG-IP LTM. Worked on CLI to enable the ports and configuration of switches and routers. Upgrading the IOS to the newest version using the console, TFTP server on Firewalls, switches and Routers. Worked on Route-Reflectors to troubleshoot BGP issues related to customer route prefixes also route filtering using Route-maps. Expertise in maintenance of layer2 switching tasks - VLAN, VTP, RSTP, configuration of ether channel with LACP and PAGP along with troubleshooting of inter-VLAN routing. Implemented Cisco Works 2000 device to manage Cisco routers, switches, PIX and ASA firewall, Access Points, Concentrators. Deployed Qos for VOIP implementation across Vanguard Infrastructure. Upgraded and downgraded OS on ASA firewalls, Palo Alto Network firewalls, Cisco Routers, Cisco Switches, F5 LTM and F5 GTM. Installed and configured new Cisco equipment including Cisco catalyst switches 6500, Nexus 7010, Nexus 5548 and Nexus 2k as per the requirement of the company. Installed dual DS-3 SAN replication WAN with Riverbed Interceptors and 6050 Steelhead appliances to optimize the traffic. Assisted with management of IT Infrastructure work streams for HPE integration. Virtual Port Channel configuration on the Cisco Nexus 5000 series.

Virtual Device Context configuration on the Cisco Nexus 7000 series. Deployment and Management of Cisco call Manager 4.x, 6.x, 7.x and hands on experience on call admission control Router Microsoft VPN Server in order to access certain limited network resources from customer locations. Involved in designing L2VPN services and VPN-IPSEC authentication & encryption system. Environment: Cisco 2948/3560/4500/3560/3750/3550/3500/2960 6500 switches and Cisco (3640, 12000, 7200, 3845, 3600, 2800) routers, Cisco Nexus 7K/5K, Cisco ASA 500, Checkpoint, Fortigate Firewall, Edge Gateway Router, FortiAnalyzer, FortiManager, Solarwinds, windows server (2003, 2008): F5 BIGIP LTM, RIP, OSPF, BGP, EIGRP, LAN, WAN, VPN, HSRP. Sr. Network Administrator Comcast - Philadelphia, PA October 2016 to February 2018 RESPONSIBILITIES:- Installing, Configuring and troubleshooting Cisco Routers (ASR1002X, 1006, 3945, 3845, 2800, 3600) and Switches to perform functions at the Access, Distribution, and Core layers. Experience with configuring routing protocols such as OSPF and Policy based Routing. Implemented the Juniper switches, Routers and Firewall and also had experience in troubleshooting them. Installed and configured Juniper EX Switches (EX2200, EX2500, EX3200, EX4200, EX4500, EX8200 series). Implemented IOS upgrades for Cisco router and switches. Designed Campus branches and data networking centers. Configured and involved in troubleshooting site-to-site IPSEC VPN tunnels using Cisco ASA 5540 for third party connectivity. Installed and configured Cisco wireless network, Wireless LAN controllers. Supported TCP-IP, DNS, DHCP, WINS, DFS, Group Policy, and Organizational Units. Helped the network team to install new switches and routers and configure the IOS according to the requirement which included VLAN, OSPF, Subnetting, EIGRP, BGP, VTP, DLRning-tree, IP Sub netting, wireless access points, T1 circuits and PIM-SM using auto RP. Worked on ASR 9000 series switches with IOS-XR. Worked on High performance data center switch like nexus 7000 series. Created Network diagram for Cisco/ Juniper switches. Built IPsec based Site-to-Site VPN tunnels between various client locations. Involved in the DATA CENTER Implementation techniques and methodologies. Provide Tier 3 technical support for Riverbed Pilot, Shark, Profiler and ARX. Designed and implemented security strategies with Cisco and Palo Alto firewalls. Migrated data to cloud environment. Good working knowledge of Azure and AWS.

Designed and configured of OSPF, BGP on Juniper Routers and SRX Firewalls. Configured Cisco Nexus (7k, 5K & 2K) and Brocade devices (MLX) for Network and SAN connectivity. Responsible for troubleshooting on Cisco ISE added new devices on network based on policies on ISE. Implemented and configured routing protocols such as RIPv2 HSRP, GLBP. Implemented, Configured and Supported Checkpoint (NGX R65, R70 and R71), Juniper Firewalls (SRX5400, SRX5600, and SRX5800). Configured ASM policies for external applications. Responsible to evaluate, test, configure, propose and implement network, firewall and security solution with Palo Alto networks. Experienced working with Nexus OS, IOS, CATOS and Nexus 7K, 5K & 2K Switches. Worked with network services like DNS, DHCP, DDNS, IP4, IP6, IPSec, VPN etc. Configured and maintained IPsec and SSL VPN's on Palo Alto Firewalls. Experience with Riverbed, Steelhead, Netflow and Wireless LAN Controller configuration. Implemented SNMPv3, GLBP, Rapid STP, regular scheduled IOS updates, and configured network components of Video Conferencing deployment across HRSA. Configured policies on ASM using manual policy enforcement and auto policy enforcement with F5 ASM, LTM, and APM. Validated and reported Wireless network based on post-Wireless site survey. Configured Virtual Chassis for Juniper switches EX-4200, Firewalls SRX-210 Worked with Cisco ACE GSS 4400 Series global site selector Appliances. Configured SNMPv3, NTP, DNS, SSH parameters on routers, switches and terminal servers as well as MD5 authentication on routers for OSPF protocol. Configured and monitored Riverbed WAN X and WAN Interceptors. Environment: Cisco 6500/7500/7200 Routers, Cisco 3550/4500/6500 switches, Palo Alto, Nexus 2k/5k/7k, Juniper SRX100, Juniper Switches EX4200, Juniper routers (MX960, MX480, MX240, MX104, PTX3000, PTX1000, M7i, M10i, M320) , ASR 1000, 9000, Cisco ISE, Cisco PIX (525, 535), ASA (5505, 5510), Unix, Linux, HSRP, PPP, VPN, OSPF, RIP, BGP, EIGRP, , LAN, WAN, Checkpoint. Sr. Network Administrator AbbVie - North Chicago, IL November 2015 to September 2016 RESPONSIBILITIES:- Worked on 2600, 3500, 7613& ASR 9K Cisco Routers and 4500 and 6500 series Cisco Switches. Performed VSS on Cisco catalyst 6500 series switches. Worked in high availability Nexus Environment and provide Level 3 Network Support. Configured, upgraded and verified the NX-OS operation system. Performed

VOIP sector configuration and service administration. Worked on Riverbed Steelhead Appliance for WAN Optimization. Implemented VMware ESX server to provide multiple virtual hardware platforms while keeping hardware costs and energy consumption low. Configured and administered Riverbed Steelhead. Managed User accounts in TACACS and HPNA tool. Assigned various subnets to HPE internal SPI. Responsible for designing and implementing Cisco VOIP infrastructure for a large enterprise and multi-unit office environment. Sole point of contact for all wireless issues. Worked on connecting to database and fetch the data with Perl/Python. Wrote shell scripting for several jobs to clean up disks and bad files on the server. Configured and managed network traffic using 3COM SNMP and access list. Localized and updated PERL modules. Configured IPsec tunnels with Palo Alto to enable secure transport and cloud based/site-site VPN to both Azure and AWS. Worked on different monitoring tools Solar Winds, Riverbed and Net scout to resolve the issues. Worked on Cisco ACE load balancers. Experience with F5 load balancers - LTM, GTM series like 6400, 6800, 8800 for the corporate applications and their availability. Provided full visibility and notification of authorized and unauthorized network access with integration of CISCO ASA/FWSM and NAC solution. Managed the F5 Big IP GTM/LTM appliances to include writing iRules, SSL offload and everyday task of creating WIP and VIPs. Worked on frame relay, MPLS services, OSPF, BGP and EIGRP routing protocols, NAT'ing, NAC product sub-netting, also including DNS, LDAP, DHCP, http, HTML, HTTPS, TCP/IP, UDP, SNMP, OSPF, RIP, IPSEC, PPTP, VLAN, STP (DURning tree Protocol), RTSP & Multicasting protocols. Worked in managing VMs in Amazon using AWS -EC2, RDS, Red shift EMR. Implemented WAN Optimization using Riverbed Steelhead CMC and SMC Appliances. Knowledge on Ether Channel, DURning Tree, Trunking, ACLs, Syslog. Worked on Juniper MX 480 and Juniper MX 80. Solid experience on ALU GSM, UMTS, LTE equipment. Worked on Set up of DNA testing, established support orders for child support. Configured rules and Maintaining Palo Alto Firewalls & Analysis of firewall logs using various tools Designed and configured of OSPF, BGP on Juniper Routers and SRX Firewalls. Environment: Cisco ASR9000, 9006, 9001, 6500 series Routers, Cisco 4500, 3750, 3550, 3500, 2960 switches, TACACS, EIGRP, RIP, OSPF,

BGP, VPN, MPLS, Ether Channels, Juniper M series router. Network Engineer Wipro - TD Bank - New York, NY August 2012 to October 2015 RESPONSIBILITIES:- Implemented and maintained network design, structure, up gradation and configuration of routers and switches at the client server for 400+ users. Worked using routing protocols EIGRP and BGP based company network for resolving level 2 and 3 issues. Implemented and configured Static, RIP and OSPF protocols on Juniper M and Cisco Routers. Performed troubleshooting and management of OSPF and BGP protocols on routers. Maintained redundancy on Cisco 2600, 2800 and 3600 router with HSRP. Worked in JUNOS platform and with IOS upgrade of Juniper devices. Worked on IP addressing based on subnetting and Variable Length Subnet Mask. Supported customers with the configuration and maintenance of PIX and ASA firewall systems. Monitored the routing traffic using Cisco 2000 and Wireshark. Supported clients with the configuration and maintenance of PIX and ASA firewall systems. Configured DURNing tree, VSTP, VLAN, SNMP on EX series switches.

Provided technical support in LAN and WAN connectivity and hardware issues in the complex network system. Configured Multi-protocol Label Switching (MPLS) on Cisco IOS XR Software Connected various routing and switching devices with CAT 5/ 5E cabling. Provided Tier2 LAN and WAN operational support to network call center, supporting the remote, domestic and international offices. Environment: CISCO 3750/3550/3500/2960 switches and CISCO 12000/7200/3845/3600 routers, CISCO ASA5510, Checkpoint. Juniper firewalls 5GT, 208, SSG 5, 140, 550, 550M, NSM, IDS/IPS, Vulnerability Assessment tools like Nessus, Red Hat, Solaris, Juniper VPN's, SSL.

Network Engineer CSC - Hyderabad, Telangana February 2011 to July 2012 RESPONSIBILITIES:-

Worked in Network building and Network infrastructure management team. Creating VLANs and Inter-VLAN routing with Multi-Layer Switching (MLS). Maintenance the general networking objectives of system/ network operations. Configured and installed Cisco routers 2500, 2600, 3601 and 4000 series. Configured EIGRP for lab environment. Answer questions to case participants relating to their financial child support/spousal support. Project managing complex network implementations, including Cisco PIX firewall and Cisco Intrusion Detection System installation, Cisco VPN and Layer 3 implementations. Involved in troubleshooting IP addressing

issues and updating IOS images using TFTP. Switches Replace branch hardware with new 2851 routers and 2960 switches. Handled installation, configuration and troubleshooting of operating systems NT/2000, XP, and Solaris. Experience in troubleshooting of Layer 2 features (VLAN, STP, RSTP, VRRP, and Ether Channel). Worked with up gradation, replacement of NICs, display cards, RAM peripheral devices. Coordinating with vendors in ordering new products. Cisco IOS Architecture for Cisco routers and switches Provide high-level technical support, including identifying and resolving problems on Cisco supported products for e-Commerce infrastructure. This included external routing and internal/intranet routing for DMZ servers Provided helpdesk support that involved identifying and escalating the tickets to specific groups. Environment: CISCO 2600, 2800 and 3200 series routers, CISCO 3300 and 2950 switches. Education Bachelor's Skills Bgp, Cisco, Dhcp, Isis, Juniper, Network protocols, Ospf, Router, Sonet, Switching, Tcp, Telnet, Vpn, Dns, Firewalls, Solarwinds, Cisco asa, Cisco fwsm, Fwsm, Ipsec

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