**Arjun K**

**Sr.Network Engineer**

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**SUMMARY:**

* Experienced Network Engineer (10+ years), having worked extensively with multiple Clients in Switching, Routing, Network Security (Firewalls and Proxies), Application Delivery Controllers, Authentication, Wireless, Collaboration and VOIP environments. Experience in Campus and Data Center topologies in multi-vendor equipment.
* Very strong team member with exposure to Operations, Deployment/Implementation, lab testing, assisting Architecture and Design. Good communication and Documentation skills. Innovative to new ideas to enhance the work flow in Network Engineering.
* Experience with legacy and latest switching technologies in Campus and Data Center environments. Worked on Cisco, Juniper, and Aruba/HP gear in campus environments. Worked on Cisco, Arista, Dell, Cumulus, Juniper gear in Data Center environment.
* Experience with Interior and Exterior routing protocols that includes RIP, OSPF, EIGRP, IS-IS and BGP. Worked on Cisco, Juniper and Arista routers.
* Knowledge of advanced level programming in C/C++ including thread synchronization multithreading, multi processing, concurrency and TCP/IP Socket Programming.
* Experience in Network Security that includes perimeter security for Internet, Extranet, DMZ, Internal Server farms, Web-traffic security with Proxies, Web Application firewalls. Worked and migrated multi-vendor equipment and Next generation firewall technologies. Worked on ASA, Firepower, Checkpoint and Palo Alto firewalls. Experience on MWG, Bluecoat and Zscaler proxies.
* Brocade 8/8 SAN switches installation and configuration.
* Experience and high-level understanding in application delivery controllers, local and global load balancing techniques, redundancy solutions, high availability options for mission critical internal, vendor and public facing applications. Experience with F5 LTM, GTM, APM, NetScaler’s, Cisco ACE and A10.
* Worked on Campus Wireless environments with 1000+ access points, Wireless LAN controllers, Anchor Controllers, Authentication policies, BYOD policies, Integration with RADIUS. Experience with Aruba and Cisco WLAN.
* Experience with TACACS/RADIUS severs, migration from ACS and Aruba ClearPass to ISE. Experience with windows and Infoblox DNS and DHCP servers, IPAM, internal and external grids.
* Experience with WAN connectivity, MPLS circuits, leased Lines, Metro Ethernet, Site to Site IPSec tunnels, ISP circuits, Customer Edge configurations. Experience with SD-WAN solutions that include Viptella and Versa.
* Knowledge and operational experience with SDN, Cisco ACI, VXLAN, VTEPS, VNI, Bridge Domain, Arista Cloud Vision, EVPN, MP-BGP, Spine and Leaf Architecture.
* Experience with Zscaler Cloud Proxy Architecture with ZIA, traffic forwarding using GRE tunnels to Zcloud, Azure AD Authentication, Access policies, ZAPP. Experience migration from IronPort’s and Bluecoat Proxies to Zscaler.
* Worked on Cloud platforms that include Azure, AWS and Meraki. Experience working with connecting multiple sites to cloud using SD-WAN solutions, Cloud Connections, Load Balancing and Security with Cloud traffic.
* Worked on Open software platform switches like Cumulus on Mellanox and Dell hardware in a POC. Basic Knowledge in Python and Ansible scripting for automation in configuration templates, back-ups etc.
* Experience with Network Monitoring tools, SNMP, Log collectors, Splunk, ticketing tools and thorough understanding of work flows in corporate environments that include Financial, Healthcare, Retail clients.
* Very enthusiastic to explore and implement innovative ideas in Network Automation in configuration, documentation, troubleshooting, work flow integration, API integration with multiple tools using Python and Ansible.

* **TECHINCAL SKILLS:**

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| * Router and VoIP Platforms
 | Cisco Routers series ASR9k, 7300, 4000, 3800, 2000, 1900; Juniper MX, Arista 7000 series. |
| * Routing Fundamentals and Protocols
 | Routed and Routing protocols RIP, EIGRP, IS-IS, OSPF, EBGP, BGP, IPX; MPLS, Static routing, ICMP, ARP, HSRP, VRRP, Route Filtering, Multicast, Policy-Based Routing, Redistribution, Port forwarding. |
| * Switch Platforms
 | Cisco Catalyst series 2960, series 3560, 3850, 4500, 6500, 7000; Nexus series 2K, 5K, 7K; Juniper EX, QFX, Aruba 2000, 3000 series. |
| * Switching Fundamentals and Protocols
 | Ethernet technologies, LAN networks, MAC, VLAN and VTP, STP, PVST+, Multicast, RSTP, Multi-Layer Switching, 802.1Q, EtherChannel, PAgP, LACP, CDP, HDLC, RARP  |
| * Firewall Platforms
 | Checkpoint (NGX R65, 3100, 5100, 5900), Cisco Firewalls (ASA 5505, 5506-X, 5585), Palo Alto Networks (PA series 2K, 3K and 5K) with panorama 8.0, WAF |
| * Security Protocols
 | Standard and Extended ACLs, IPsec, VPN, Port-security, SSH, SSL, IKE, AAA, Prefix-lists, Zone-Based Firewalls, NAT/PAT, HIPAA standards, Ingress & Egress Firewall Design, Content Filtering, Load Balancing, IDS/IPS, URL Filtering, L2F, IDS, TCP Intercept, Router Security, SNMP trap  |
| * Network Management and Monitoring
 | Wireshark, Infoblox, HP OpenView, Cisco Prime, Splunk, Security Device Manager (SDM), Cisco Works; TCP Dump and Sniffer;, SolarWinds Net Flow Traffic Analyzer, NetScout, Network Performance Monitor (NPM), Network Configuration Manager (NCM), SAM, IP Address Manager, Additional Polling Engine. |
| * Load Balancers and Proxies
 | F5 (BIG-IP) LTM 2000, 3900, 6400, 6800, AV 510, Citrix NetScaler, MWG, ZscalerProxies, Bluecoat Proxies. |
| * WAN and SD-WAN technologies
 | MPLS, ISP Leased Lines, SONET, Viptella, Versa. |
| * OtherNetworking Protocols and Fundamentals
 | DHCP and DNS server, Active Directory Management, NTP, NDP, TCP, UDP, FCP, Network Implementation, Troubleshooting techniques, NHRP, NetBIOS, NFS, FTP, TFTP, HTTP, PAP, PPTP, SIP Trunking, SNMP logging, SMTP, RADIUS and TACAS+, PBX servers, SDN, IPV4. |
| * Wireless and Radius Technologies
 | CISCO APs, Aruba wireless and APs, Cisco Meraki, Prime Infrastructure, Air Magnet, AirWatch and WLC’s (8510, 5508, 5706), Cisco AironetAP’s (2600, 3600, 3700), ISE, MSE, Aruba 225, Aruba 3000 controller & Airwave, ISE, Clear Pass 6.0,6.2,6.5, 802.11a,b,c,g,n,ac |
| * Scripting
 | Basic understanding in Python, Ansible and TCL (F5) |

**CERTIFICATIONS :**

* Cisco Certified Network Associate (CCNA)
* Cisco Certified Network Professional (CCNP)
* Cisco Certified Internetwork Expert(CCIE)
* PCNSE – Palo Alto Networks Certified Network Security Engineer
* ACE – Palo Alto Networks Accredited Configuration Engineer

**Professional Experience**

**Comcast, Philadelphia,PA Feb 2019 - Present**

**Role: Sr. Network engineer**

**Responsibilities**

* Play a key role in the company’s direction towards Cloud Computing platforms by creating a strategy for transition plans. Azure AD and AWS, Office 365.
* Analyze and provide courses of action on current as well as emerging security threats like ransomware attacks by research and recommendation of other security solutions to help mitigate network security threats while preventing their outbreak across the network.
* Data Migration /Conversion, Network Engineer and SME, Inventory and order management for confidential Connecticut Acquisition.
* Used third party react components – react-video, react-typeahead, react-tags input, react-data grid, react-calendar, react-tabs and react-auto complete.
* Involved using ReactJS components ,forms, events, keys, Router, Animation and Flux concepts
* Responsible for the IPAM (IP Address management) system for a very large **WAN/LAN** network (QIP) using Solarwinds IPAM and Infoblox DNS and DHCP servers. Experience with DHCP scopes, IP reservations, DNS host entries, pointers, delegations, Zones, DNSSec etc.
* Re-engineered and deployed falling voice and application delivery network by completing migration from static L2L IPSEC VPN WAN to multi -homed Cisco (SDWAN) iWAN DMVPN BGP overlay with cisco PfRv3 intelligent oerformance routing and quality of service
* Developed and rolled out new policies Partnered with clients/hiring managers to determine employment needs and to facilitate an effective and efficient recruiting effort. Utilized a variety of recruitment resources including referrals,databases, websites, social media, LinkedIn and networking events to attract qualified candidates
* Configuring and troubleshooting of Cisco routers 7200 ,4300, 2900, series routing protocols **EBGP** ,BGP,OSPF,EIGRP,RIP,MPLS.
* Performed technical analysis to select efficient adjustments based on company specifics.
* Launched an internal order management system utilizing primarily PHP and MySQL to introduce a more scalable and reliable solution that allowed 100% deadline compliance.
* Elevated corporate leadership dicision agility enhanced mobility and data security with installation of enterprise \_wide Cisco based WLAN infrastructure with digital certificate authentication
* Experience with partners or installation and configuration problems and issues related to SDN-NFE , DNAC
* Worked on network design improvements involving BGP, EIGRP, OSPF, IP metric tweaking and load balancing.
* Design, implement, and develop network designs for applications used in TMO.
* Worked on Checkpoint Firewall to create new rules and allow connectivity for various Applications. Checkpoint is used as an internal firewall for application security in Kodiak network.
* Designed and implemented VMware VCloud automation center vCAC as a standlone and distribute architechture with VMware Vfabric application. As SME worked on Amdocs Billing Ensemble sofwtare development projects for Sprint, ATT, Vodafone, T-Mobile. Worked on various assignments during this period.
* Most of these assignments are time critical multitrheaded applications.
* Re -engineered WAN - Multidata center inter connect for DGP routing
* Responsibilities Coding of CSM /BILLING/MAF/MPS module of Amdocs Billing application.
* Configured network access servers and routers for AAA security,Radius /TACACS+.
* Installing and configuring of JIRA servers and maintaining of various users on JIRA .
* Implemented Firewall rules and Nat rules by generating precise methods of procedure (MOPs). Responsible for packet capture analysis, syslog and firewall log analysis.
* Specified, prototyped, developed and tested an object-oriented, multiplatform C++ framework containing support to: data structures, common algorithms sockets, threading.
* Fixed bugs in the order management system.
* SDWAN roles integration with worldwide locations with multiple cloud Providers.
* Experience with F5 load balancers LTM and GTM and reverse proxy design and setup. Migration from ACE to F5.
* Experience in F5, Cisco ACE 4710 Load balancers. Migration Experience from ACE to F5 and NetScalers to F5. Worked on critical applications on Layer 4 and layer 7 load balancing. Experience with Virtual server, Pool, Node, Profiles – TCP, http, https, ftp, fastl4, Persistence – Source IP, SSL, Cookie, SNAT, iRules, iAPP, SSL offloading.
* Experience with F5 GTM and in-depth knowledge of DNS, Global level load balancing, Wide IP’s, Zones, Prober pools, Delegation from Windows DNS server to listener IP.
* Help operations setup critix load balancer HP400 storage for ISCSI, HP a5120 switches NETAPP storage Brocade switches.
* Configured LISP,OTC and ,multicast MDT on Nexus 7010.
* Troubleshooting of Linux and Unix servers for application delivery servers. Install Dockers, Cisco and HP servers.
* High-level network troubleshooting and diagnostic experience using Packet capture tools like Wireshark.
* Configured network using routing protocols such as EIGRP, BGP and OSPF and troubleshooting L2/L3 issues.
* Designing, configuring, and troubleshooting QoS, SIP, H.323, RTP, SCCP, Session Border Controllers, Voice Gateways, Voice circuits IP /TDM, Cisco Telepresence Infrastructure, QoS, NAT, PAT, and multicast.
* Worked on Riverbed steelhead appliance to troubleshoot delay, jitter issues. Captured traffic and analyzed for root cause. Wrote policies and rules in steelhead.
* Adding and modifying the servers and infrastructure to the existing DMZ environments based on the requirements of various application platforms.
* Interfacing and troubleshooting issues of the following Brocade hardware .
* Developed highly efficient algorithms in C++ through both pair-programming and independent work.
* Assist in creating network design standards for hardware and software. Developing and maintain Network Documentation (Visio diagrams, Excel spreadsheets, Word documents, etc.) Configure and troubleshoot network elements in a test/dev environment.
* Worked on Orion (Solar Winds) for mapping network diagrams, updated Orion with commissioned and decommissioned network devices.
* Configured with AAA with TACACS+ SERVER
* Experience with configuration of Cisco call manager, Installing and worked on ICM management

**Schneider, GreenBay,WI** **Sep 2017 – Jan 2019**

**Role: Sr. Network Engineer**

**Responsibilities:**

* Worked in Charter Communications Global Deployment and operations team to support multiple migrations in switching, routing, firewalls, LB and Proxies.
* Palo Alto design and installation (Application and URL filtering, SSL decryption, SSL Forward Proxy). Configured and maintained IPSEC and SSL VPN's on Palo Alto Firewalls. Successfully installed PA-5000 series firewalls in Data Center as perimeter Firewalls.
* Migration of ASA firewalls to PA next gen Firewalls using migration tool in PA. Migrated all IPSEC tunnels, ACL’s, NAT rules and policies.
* Experience working on Cisco ASR 9K, Nexus 7k and 9K. Configured and designed OSPF, EIGRP and BGP at Distribution and Core layers. Configured OTV layer 2 connection between Data centers on Nexus.
* Worked on Juniper devices like M, MX routerson advanced technologies like MPLS VPNs, TE and other service provider technologies.
* Currently developing C++ and C.
* Performed configurationand maintenance of Brocade.
* Experience with configuring BGP, OSPF in Juniper M and MX series routers. Worked on several BGP attributes like MED, AS-PATH, Local Preference for route optimization. Worked on Route-Reflector, Route-Redistribution among routing protocols.
* Installing VMware vCenter converter and perform P2V migration
* Experience working with Juniper devices like EX-2200, EX-4200, EX-4500, MX-480, M Series, SRX650, SRX240
* Managed AD Domain Controller, DNS and DHCP Servers and configurations.
* Worked on Cisco ISE for user Authentication, Security Group Tags, MAC based authentication for Wireless and Wired users, 802.1X, EAP, PEAP etc.
* Responsible for the IPAM (IP Address management) system for a very large WAN/LAN network (QIP) using SolarWinds IPAM and Infoblox DNS and DHCP servers. Experience with DHCP scopes, IP reservations, DNS host entries, pointers, delegations, Zones, DNSSec etc.
* Development with GNU C/C++ for UNIX/LINUX visual studios C++ and C# for windows .
* Provides expert level security and networking knowledge in the planning, researching, designing, and testing of new networking technologies for perimeter firewall security, Intrusion Prevention/Protection System (IPS), DNS and DMZ security, and Internet Security in support of established Info Security program initiatives for the next 3 years.
* Regular upgrade and maintenance of Infrastructure, Installing, configuring, and maintaining Cisco Switches (2960, 3500 ,7600, 3750, 3850 series, 6500 series) Cisco Routers (4800, ASR 9K, 800), Juniper Routers and Firewalls, Nexus 7k,5k & 2k, f5 BIG IP, Palo Alto Firewalls, Zscaler Proxy and Versa SD-WAN appliances.
* Conducted a POC on Versa and Viptella SD-WAN solution as a team and worked on evaluating the solutions.
* Migrated Nexus 7Ks &amp; Nexus 5Ks to an ACI Fabric consisting of 9336PQ Spines &amp; 9332PQLeafs in a brownfield Datacenter.
* Utilized VMware Vcenter Orchestrator to automate workflows advance service in vCAC and it service delivery tasks cross both VMware and 3rd party applications .
* Worked on PAC file updates, Internet proxy migration from IronPort to Zscaler cloud. Access policies, AD based, user based, location-based access. ZAPP client.
* Configured EBGP/IBGP polocies also tested BGP attributes such as local preference MED, AS-PATH, community and weight.
* Worked on Bridge Domains, VXLANs, VTEPS, VNID. configuration of routing using BGP among multiple Leaf to spine switches. Thorough understanding of Application Profile, Tenants, End Point Group, Inter Subnet Tenant Routing, Routing within Tenants, Router Peering and Redistribution. Worked on Migration project from traditional Data Center Architecture to Spine Leaf.
* Worked on connections handoff using Bridged Interface to an External Route. L3- EPG configurations, AEP configurations. Expert in GUI of ACI.
* Worked on integrating existing Layer 2 and Layer-3 networks with ACI.

**Hewlett Packard ,Detroit,MI**  **Dec2016- Aug 2017**

**Role: Sr Network Engineer**

**Responsibilities:**

* Involved in complete LAN, WAN development (including IP address planning, designing, installation, configuration, testing, maintenance etc.). Design of DMZ in primary and redundant data centers with Next Gen Firewalls, IPS/IDS sensors, Switching and routing.
* Experience in deployment of Nexus 7010, 5548, 2148T, 2248 devices
* Experience working with Cisco Nexus 2148 Fabric Extender and Nexus 5000 series to provide a Flexible Access Solution for datacenter access architecture.
* Installed Fortinet appliances for security and compliance.
* Experience configuring Virtual Device Context in Nexus 7010
* Installation and maintenance of Cisco Layer 3 switches 3750, 4500X, 6500 in multi VLAN environment.
* Maintenance and configuration of Cisco ASR1000 series and 7200VXR routers at data center and deployment of 3900, 3800, 2951 and 2821 for branch connectivity.
* Worked on routing protocols Eigrp and BGP working on Infoblox for IPAM , DHCP and DNS . Working on Linksys, SG500, cisco, Arista switches and Cisco routers.
* Involved in migration from Site-to-sire GRE tunnels network to MPLS-based VPN for customer’s WAN infrastructure.
* Implementing security Solutions using Palo Alto PA-5000/3000, Cisco 5580/5540/5520,.
* Migration experience from Cisco ASA 5500 to PA. Experience with migration tool in PA for Policies from ASA to PA. Experience with SSL forward proxy and URL filtering.
* Utilized VMware Vcenter Orchestrator to automate workflows advance service in vCAC and it service delivery tasks cross both VMware and 3rd party applications .
* Installed new Fortinet firewalls to increase security and network control setup IPS, and Application control , as well as logging for compliance.
* Configuration and administration of firewalls, which includes Checkpoint, Juniper, and Cisco ASA firewalls.
* Experience with RIVERBED Steelhead appliance for WAN optimization.
* Configuring High Availability using Cluster XL on Checkpoint as well as VRRP and monitor the Sync status for tasteful replication of traffic between active and standby member.
* Basic configuration of Cisco Meraki Layer 2 and Layer 3 switches like MS 220, MS 320 and MS 420.
* Migrated Checkpoint firewall architecture with new next generation Palo Alto PA3000 and PA5000 appliances serving as firewalls and URL and application inspection.
* Configuring rules and Maintaining Palo Alto Firewalls & Analysis of firewall logs using Panorama.
* Successfully installed Palo Alto PA-3000/PA-5000 firewalls to protect Data Center and provided L3 support for routers/switches/firewalls.
* Worked with different models of Cisco/Juniper/Arista switches,Routers ,firewalls, Load balancers, VPNs and wireless systems.
* Configured and maintained IPSEC and SSL VPN's on Palo Alto Firewalls and also implemented Zone Based Firewall and Security Rules on the Palo Alto Firewall. Exposure to Palo Alto Wildfire.
* Involved in Switching Technology Administration including creating and managing VLANS’s, Port security, Trunking, STP, Inter VLAN routing, LAN security etc.
* Development and enhancement in the area of TCP/IP stacks and apps .
* Configured BGP, EIGRP and OSPF and Policy based Routing.
* SDWAN roles integration with worldwide locations with multiple cloud Providers.
* Configuring OSPF and Static routing on Juniper M and MX series Routers
* Provide Tier II Load Balancer expertise on F5 BigIP Local Traffic Managers (LTM). Designing F5 solutions/support for migration work of applications and websites from Cisco ACE Load Balancers to the F5 BigIP Load Balancers.
* Configuring VLAN, Spanning tree, VSTP, SNMP on EX series switches
* Configured Cisco 7200 routers which were also connected to Cisco ASA 5508 security appliances providing perimeter-based firewall security.
* Design, test and implement VIPTELA SD-WAS, SDWAN role integration wireless networking , and industrial Ethernet.
* Development is done mainly in the area ofTCP/IPkernel stack and application.
* Optimized performance of the WAN network consisting of Cisco 3550/4500/6500 switches by configuring VLANs.
* Configuring ASA 5510 Firewall and accept/reject rules for network traffic.
* Extensive knowledge and troubleshooting in data communication protocols and standards including TCP/IP, UDP, IEEE 802.3, Token Ring, Cable Modem, PPPOE, ADSL, Multilayer Switching, DoD standards.
* Managed the F5 BigIP GTM/LTM appliances to include writing iRules, SSL offload and everyday task of creating WIP and VIPs.

**Express Scripts, St Louis,MO Oct 2015 – Nov 2016**

**Role: Network Engineer**

**Responsibilities**

* Worked for State client with various government departments which include DOT, DOH, DOE to configure site to site connectivity, troubleshoot issues, application load balancing, Network security.
* Configure the layer 2 and layer 3 on Cisco Nexus 7K, 5K, 6509, 9710, 5596 UP, 4500, 3850, 3950, ASR and 2960
* Worked with Checkpoint, Cisco ASA, and Palo Alto Networks solutions
* Experience in HSRP standby troubleshooting & Experience in configuring & upgrading of Cisco IOS.
* Implementing & Troubleshooting of T1, MUXES, CSU/DSU and data circuits.
* Experience on designing and troubleshooting of complex BGP and OSPF routing problems,
* Have sound knowledge of Firewall architecture, routing and VPN.
* Have experience working on HP Open view Network Node Manager.
* Upgrade firewalls in accordance with change management & Document changes to firewalls.
* Monitor traffic and access logs in order to troubleshoot network access issues.
* Have experience with Cisco Works LAN Management Solution.
* Implemented Positive Enforcement Model with the help of Palo Alto Networks
* Experience in migration of Frame-relay based branches to MPLS based technology using multi-layer stackable switch like 6500 series and 2800 series router.
* Testing VPC, BGP, OSPF, EIGTP, RIP, SPAN, Sflow, VlanTrunking, SVI and power supplies on Nexus and ASR devices
* Involved in design and implementation of Data Center Migration, worked on implementation strategies for the expansion of the MPLS VPN networks.
* Hands on experience with Cisco 3500, 3750, 4500, 6500 series equipment and configuring and deploying and fixing them with various modules like Gig card, VPN SPA card, WIC card.
* Cisco IOS experience on 3600/7200 class hardware in complex WAN environment and experience on Cisco OS and IOS on CAT6500 in a complex data center environment.
* Involved in configuring IP Quality of service (QoS).
* Involved in designing L2VPN services and VPN-IPSEC authentication & encryption system.
* Experience in designing, installing &configuringof Cisco ASA & FWSM (Firewall service module). Worked on Checkpoint firewalls R70, R75, R77.20 Gaia and Provider-1/MDM
* Evaluate, Analyze & Implement firewall policies to meet business requirements
* Experience in creating and maintaining Checkpoint and ASA firewall configurations, updating documentation and log analysis.
* Worked extensively in configuring, monitoring and troubleshooting Cisco's ASR 5500
* Applying crypto maps and security keys for the branches, ISAKMP (Internet security association key management protocol) for establishing Security associations (SA) cryptographic keys.
* Experience in configuring routing protocols like EIGRP, RIP v2, OSPF & BGP and Cisco ACS protocols like RADIUS and TACACS.
* Experienced in WAN environments, installing and troubleshooting data circuit problems (MPLS, T1).
* Worked on Layer 2 protocols such as STP, VTP, STP, RSTP, PVSTP+, MST and other VLAN troubleshooting issues and configuring switches from scratch and deployment.
* Involved in designing and applying QOS and policy map to 2800 series routers for all the branches.

**Infosys, Hyderabad June 2013 - Feb 2015**

**Role: Junior Network Engineer**

**Responsibilities:**

* Monitored the performance of the network devices. Performed Troubleshooting and observed directing conventions such as OSPF, EIGRP & BGP.
* Installation and configuration of the Network of Cisco Router and Switches for EIGRP and VLANs etc.
* Worked on the Cisco switches 2950, 3560 and the Cisco routers 2500, 2600, 2800
* Initially involved in installations, technical support, troubleshooting and maintenance of network equipment.
* Good knowledge in Configuring Access Control List (ACL).
* Configured VLANS on different impetus switches performed investigating on TCP/IP system issues, Administered Frame-Relay and systems.
* Configured IPv4 VPNs using IPSec VPNs.
* Worked on WAN and LAN infrastructure. Worked on Cabling in IDF/MDF and in Data centers with Copper and Fiber.
* Managed system backup and restoration protocols.
* Escalating issue to higher network teams.

**Education:**

**Master of Science Computer Science,** 2016

**Silicon Valley university - San Jose – CA**.

Course work included programming Languages Like C, C++, Java, Computer Architecture, Computer Networks, Shell Scripting.

**Bachelor of Science**: Computer Science,2014, **JNTUH, Hyderabad -India**

Academic Projects included an android application that can be installed on doctor’s mobile that creates a trigger for help, whenever his/her patient falls down suddenly for medical help