Systems Administrator Systems Administrator Systems Administrator - Google Inc * Over 10+ years of extensive hands-on experience in Cisco ASAs, Cisco Routers, Fortigate, AWS, Oracle Cloud network deployment and troubleshooting. * Proficiency in Cisco ASA,Cisco Routers, Fortigate, Arista, Juniper, AWS, Oracle Cloud. * Configuring, monitoring and troubleshooting Cisco firewall ASA 5545, 5525,5515 series. * Configuring, monitoring and troubleshooting Fortigate Firewalls. * Configuring installing, monitoring and troubleshooting EC2, VPC, VPN IPSec, BGP on AWS Cloud and Oracle Cloud. * Configuring installing Instances and IPsec Gateways with AWS & Oracle Cloud * Experience in routing protocols like EIGRP, OSPF, RIP, BGP, MPLS/VPN. * Configured DMVPN for voice network site to site links * Implemented and configured Cisco IPS/IDS SourceFire and FireSight Management. * Worked on Cisco 7200VXR, 2900,4331 series Router and Cisco 3560 switches. * Configured and managed IPsec Tunnels between Cisco ASA, Fortigate, AWS Cloud. * Deployed MFA remote access SSL VPN Cisco Anyconnect RSA and AD server. * Installed and Configured RSA Server and integrated with AD server and Cisco ASA * Configured and managed Cisco Firesight Management Center and deployed Sourcefire modules. * Configured and managed IPsec Tunnels between 2900 Cisco Routers for Voice network. * Deployed and managed Cisco Call Manager and Cisco Unity 8.x,9.x and 11.x versions. * Configured and managed Cisco Wireless controller 5500 WLC and CiscoAPs. * Installed and Configured Meraki Networks * Configured and managed Fortigate Wireless APs. * Proficiency in configuration of VLAN setup on various Cisco Routers and Switches. * Experienced in trouble-shooting both connectivity issues and hardware problems on Cisco based networks. * Configured VPC on Nexus 9 K's and 3560,3650,3750,3850 cisco, HP Procurve 3500yl series switches. * Enhanced level of experience with QoS, OSPF, BGP * Network analysis and capacity planning experience using tools like Sniffer,Wireshark, Nmap, MRTG, BandwidthD,Cacti, Nagios, Zabbix etc. in Unix System (Ubuntu, CentOS, Fedora) * Extensive hands-on experience with complex routed LAN and WAN networks * Hands-on configuration and experience in setting up Cisco routers to perform functions at the Access, Distribution, and Core layers. * Storage Networking installation and configuration for Cisco UCS, Nimble Storage,Dell, Isilon and configuration of VMWare ESXi hosts. * Excellent Verbal, written

communication skills and Interpersonal skills with ability to work with large teams as well as independently with minimum supervision.   * Experience with Project documentation tools in implementing and maintaining network monitoring systems. * Experience with developing network design documentation and presentations. * Programming C, C++, Python * Automation Using Ansible Playbook for Cisco IOS, FortiOS and Unix Systems Work Experience Systems Administrator Client:Google Inc Emplr: Akraya - Sunnyvale, CA August 2018 to Present Responsibilities * Design and implement lab networks * Configure and deploy Arista, Cisco, Juniper Switches * Setup ipv4/ipv6 BGP links for lab networks and production networks. * Cluster config conversation to Dual-stack and ipv6-mostly from 6to4 tunnel mode * Updated DNS server for ipv4/ipv6. * Updated servers using borg-master. * Design lab networks and deploy required systems. * Installed & configured Avocent hydra for console access * Upgraded servers from glinux trusty to rodete (debian) * Deployed slurm cluster configuration for running jobs on debian rodete * Write bash and python scripts * Deployed Ansible playbook for Arista switch automation * Installed and configured Tacacs+ server for authentication   * Installed and configured Symantec Endpoint Protection management Network/ Systems Engineer FixStream Networks - San Jose, CA May 2018 to August 2018 Responsibilities   * Analyze Multiple Remote sites and Datacenter   * Deployed Ansible-Playbook for Unix Systems Automations * Install configure Meridian monitoring systems * Elasticsearch, Zookeeper, Kakfa, Storm installation. * Analyze customer network and infrastructure to deploy Meridian   * Run MySQL queries and maintain database systems Senior Network Administrator Whitehat Security Inc - Santa Clara, CA March 2015 to May 2018 Responsibilities * Moved Multiple Remote sites and Datacenter * Configured and designed Multi-homed BGP with ISPs. * Deployed Ansible-Playbook for AWS ,Network and Unix Systems Equipments Automations * Installation, configuration and deployment of RSA SecurID System, OKTA, Active Directory, Remote VPN * Assist in redesigning the campus LAN, routing protocol, IP telephony, enterprise edge, IP addressing scheme for client * Installed and designed network using Cisco ASAs and configured IPsec tunnels between ASAs, Fortigates and AWS cloud. * Configured and managed VPN servers for remote access using tunnelblick to end users. * Deployed MFA remote access

VPN Cisco Anyconnect using RSA System and AD server. * Implemented Hard token and soft token MFA system to end users. * Configured and implemented IPS/IDS Firesight Management center and Sourcefire Modules. * Lead the installation and configuration of corporate wide rollout of the Cisco Catalyst 3550, 3560, 3750, switches including VLAN configuration * Installed, configured, maintained ,& managed network security processes of ASA 5525, 5515 Firewalls from the CLI * Installed and Configured Primary Secondary DNS servers for different remote sites using bind9 on Ubuntu Server * SIP trunk configuration using Twilio SIP Trunk. * Managed upgraded Cisco Call manager and Cisco Unity Connection servers. * Upgraded and managed Cisco UCS ESX server. * Diagnose & resolve complex layer 1, 2 & 3 connectivity using Wireshark analyzer & recommend solution for better performance * DataCenter Migration, Defining Templates for Site Profiles, Review, Augment definition on Site Activities for site surveys. * Starting Lab, Templates and Test Plan development. * Document troubleshooting progress, configuration changes, problem resolution, and the physical & logical topology to support future troubleshooting tasks * Develop standard operating procedure (SOP) documentation * Upgrade Cisco Routers and Switches IOS using T * Configured and supported multiple remote site installations * Analyzed expanded network, ran fiber, and implemented wireless communication * Ensure thorough network documentation, including maintaining each account's network matrix, backup configurations and network diagrams * VPN (Cisco Remote Access) troubleshooting Support and provisioning * Supporting Systems Team with Nimble Storage, Vcenter networking * Installed and Configured Syslog Server * Used Splunk for Logging Information Sr. Network Engineer A+ Search Solutions - San Carlos, CA June 2014 to March 2015 Responsibilities * Troubleshooting network and systems related issues * Troubleshoot problems related to router & switches access, * Install, configure, troubleshoot, and upgrade Cisco routers, Cisco Catalyst Switches, network printers, and workstations * Maintained, upgraded, configured, and installed Cisco routers, Cisco Catalyst Switches * Perform Troubleshooting end-to-end between two sites * Prepared technical documentation of configurations, processes, procedures, systems and locations Network Administrator Yeti Airlines Pvt. Ltd January 2013 to February 2014 Responsibilities * Deployed

Fortigate Firewalls and Cisco ASAs at different remote sites. * Configured WiFi hotspot portals for passengers and corporate network. * Configured SSL VPN access via Fortigate. * Configured IPsec tunnels for remote sites. * Installed and Configured Cacti, Nagios. Network/ System Engineer Cisco Unified Communication March 2011 to January 2013 Responsibilities * Configuring BGP, Metro Ethernet for tier 2 Internet Service Providers. * DataCenter Migration and Network Design * Installed, Configured and Monitored Asterisk IP PBX, Cisco Unified Communication. * Involved in troubleshooting IP addressing issues and Updating IOS images using TFTP. * Configuring layer-2 technologies like STP, VTP with suitable parameters as per the network environment. * Managing network security with respect to port-security on access layer and access control lists on distribution layer. * Providing gateway redundancy for Cisco 2800 & 2900 routers. * Configuring routing protocols like EIGRP, OSPF & BGP and troubleshooting layer3 issues. * Configured Mail Server, DNS Server, Web Server, Bandwidth Manager etc. in Unix system. * Deployed Bandwidth Manager using Microtik Routers. * Configured Cacti, Nagios. * Installed and configured virtual machines using Vmware. * Extensive knowledge of indoor/outdoor wireless devices many vendors like cisco,Canopy,Ubiquity(Nanostation), Senao, 3Com, BDCom, Compex, Wavion, Altai etc. Network and Systems Engineer March 2009 to February 2011 Responsibilities * Monitor and Maintain 99.9% system uptime * Managing UNIX Sever hosting services such as Web, Mail, DNS, Bandwidth Management and Proxy etc. * Manage Network, IP/Routing (Static, BGP - internal and multi-homed) * Implement security measure on the servers and network devices * Implemented Metro-Ethernet MPLS design Education Cabrillo College - Aptos, CA 2014 to June 2015 B.E in Electronics and Communication Engineering Kantipur Engineering College 2005 to 2009

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