Network Administrator Network Administrator Cisco Certified Network Professional Edison, NJ

Seeking full-time opportunities in the field of Networking and Wireless Communication Engineering to utilize, contribute and enhance my technical knowledge and skills, while attaining professional growth along with the organization. Authorized to work in the US for any employer Work Experience

Network Administrator Illinois Institute of Technology - Chicago, IL March 2015 to November 2015

Used DHCP to dynamically assign reusable IP addresses to DHCP clients using Inflobox IPAM and resolved IP address conflicts. Worked with Microsoft Exchange server 2013 to create and manage mailboxes and distribute lists. Configured NAT, Syslog server, DHCP server and DHCP relay on Cisco routers. Set up maintenance tasks such as database backups and consistency checks. Performed maintenance of SQL servers which included reviewing SQL error logs. Create, open, resolve and close escalated trouble tickets using clarify. Junior Network Engineer Eminent technology solutions. - Chennai, Tamil Nadu May 2013 to July 2014 Implemented and configured IPSEC VPN and GRE tunnels. Configured Client VPN technologies including Cisco s Any Connect 3.0 VPN client through IPSEC. Implemented DMVPN and Cisco Snort IPS (Lightweight Threat management) using Cisco ISR 4331 . Used Cisco ASA 5540 firewall for Enterprise security (IDS/IPS) and implemented FirePOWER firewall services using FireSIGHT management center. Defined policies, NAT and anti-spoofing for internal, external networks with internet gateways in Checkpoint firewall 4.1. Installed and configured latest Cisco equipment including Cisco Catalyst switch 3650 and 3560 PoE. Involved in switching administration including creating and managing VLANS s, Port security, Trunking , STP, Inter-Vlan routing , LAN security etc. Configured and troubleshot OSPF, BGP, MPLS , static routes and NAT pools on the edge routers. Configured EBGP/IBGP policies and tested BGP attributes such as Local preference, MED, AS-PATH, Community and Weight. Configured and managed Cisco access layer routers/switches and carried out route redistribution and manipulated route updates using distribute lists, route-maps, administrative distance and offset-lists. Implemented and configured load balancing for F 5 Big - IP LTM. Used Solarwinds NPM for network performance monitoring and fault isolation. WLAN Administrator Intern. BSNL Regional Telecomm Training Center - Chennai, Tamil Nadu May 2012 to

August 2012 Underwent internship training at Bharat Sanchar Nigam limited (BSNL) - an Indian Telecommunication sector Company. The training which spread across a period of 4 months covered concepts related to wireless communication , mobile broadband , optical fiber cable practices and wireless networking . During the course of training had opportunity to design and implement a small scale WLAN network .Tools used were Ekahau site survey and Wifi planner, CISCO spectrum expert, Meraki dashboard, Wavelink Avalanche and CISCO RF planner (Cloud based tool). Education Master Of Science in Network Engineering Illinois Institute of Technology - Chicago, IL 2014 to 2016 Bachelor of Engineering in Electronics and Communication Anna University Chennai Tamilnadu India - Chennai, Tamil Nadu May 2013 Skills Microsoft office (6 years), Linux (2 years), LAN (3 years), WLAN (2 years), C (1 year), Network Administration (2 years), Network Security (1 year), SQL (1 year), Wireless (2 years), Network Management (2 years), Networking (3 years), Microsoft Office (6 years), CISCO Prime Infrastructure (Less than 1 year), Solarwinds Orion (2 years), Wireshark (2 years), CISCO ASA (1 year), Windows Server 2012 (1 year), SQL Server 2012 (1 year), CISCO SWITCHES AND ROUTERS (3 years), CISCO IOS (3 years), Ekahau Site survey and Wifi Planning (1 year), Wavelink Avalanche (1 year), CISCO ISE (1 year), CISCO MSE CMX (1 year), Airmagnet Surveyor and Spectrum Expert (1 year), CISCO Meraki Dashboard (1 year), CISCO Spectrum Expert (1 year), CISCO UCM (Call manager) (1 year), CISCO VOICE GATEWAY (1 year), VOIP (1 year), MPLS (2 years), F5 Big-IP LTM (1 year), Inflobox IPAM (1 year), OSPF (2 years), EIGRP (1 year), BGP (1 year), HSRP (1 year), ROUTE REDISTRIBUTION (2 years), VPN (1 year), IPSEC (1 year), GRE TUNNELING (1 year), DHCP (2 years) Certifications/Licenses CCNA January 2014 to June 2017 CCNA Security March 2014 to June 2017 CCNA Wireless June 2014 to June 2017 CCNP September 2016 to September 2019 Groups IETE (Institute Of Electronics and Telecommunication Engineers). March 2010 to Present Was part of the National Institute of Telecommunication and Electronics Engineers group. Played the role of a student co-coordinator in organizing national level technical symposiums and conferences during the coarse of my under graduate studies. IEEE (Institute Of Electrical and Electronics Engineers) September 2009 to Present Have been an active member of IEEE since my

under graduate studies and served as student secretary during my graduate studies at Illinois Institute Of Technology. Additional Information Tools and Softwares: GNS 3, NS-2, CISCO packet tracer, NetSim, Wireshark, Ekahau site survey and Wi-Fi planner, Wavelink Avalanche Mobility management, Cisco MSE, Cisco ISE, Prime Infrastructure, Cisco Spectrum analyzer , CISCO Meraki Dashboard , Solarwinds Orion, ServiceDesk Plus..

Name: Derek Lopez

Email: jray@example.org

Phone: +1-327-887-6449x497