Network Engineer Network Engineer To obtain a Full-time position in the field of Network Engineering. Irving, TX Authorized to work in the US for any employer Work Experience Network Engineer Charter Communications - Denver, CO October 2016 to Present   Handling complex network issues related to routing protocols, MPLS, Multicast and other Routing technologies on different platforms like 3800, 7200, 6500/7600, GSR, ASR9k, CRS, Nexus 9K/7K/5K/3K/2K and other platforms.   Implemented and troubleshot ISIS, BGP (IPv4/IPv6/VPNv4), MPLS, OSPF, MPLS, L2/3 VPN and VRFs across the Charter core network.   Work collaboratively in a team environment with internal and external departments to guarantee optimal Network reliability. Configure and manage L2/L3 switch: VLAN, Port Channel, Trunk, Access, VTP, STP, RSTP, & PVST, ACL (Standard and Extended).   Maintenance and troubleshooting of CATV/HSD/VoIP/Video/SDV technologies. Work with field personnel and network operations centers in order to resolve or prevent service outages.   Performed overnight scheduled network maintenances to ensure the network is functioning appropriately   Assisted and guided Headend technicians with troubleshooting network outages, and bandwidth capacity augmentations. Working as an escalation support for various Lan Switching technologies, MPLS and Multicast on 7600 and XR platforms. Network Analyst Windstream Communications - Little Rock, AR March 2016 to September 2016   I work as a part of team to configure, turn-up, and test the network devices to expand the Windstream network and increase revenue.   Works with client engineering groups to create, implement, and manage policies and standards that ensure confidentiality, availability and privacy of information.   Configured and supported multiple remote site installations.   Allocating management and gateway IP addresses to new devices.   Creation & Configuration of VLANs and Ports assignment to VLANs on Cisco and Juniper Switches.   Implemented procedures for configuration and management of routers and switches at local and remote sites.   Resolved issues relating to operational and design activities by data analysis and identification of problems.   IP Address management using Diamond IP.   Efficient use of Microsoft VISIO as technical documentation and presentation tools Network Administrator Future Value Retail Limited a Future Group venture. - Ahmedabad, Gujarat September 2012 to December 2013   Optimization of network

performance and availability through automated discovery and comprehensive network performance management.   Proactively monitoring company s network links on 24x7 shifts.   Managed change across entire IT infrastructure   from data centers to desktop using BMC Remedy tool (ITIL).   Used Control-M to workload automation (traditionally called batch scheduling) software.   Involved in compiling and analyzing data, creating reports, providing information business as per the request.   IP Address management using IPAM.   Creating Incident and Providing Level 1 support for the users related to network issues.   Conducting root cause analysis on Network Incident. Education Master of Science in Electrical and Electronics Engineering University of Texas at Arlington - Arlington, TX 2014 to 2015 B.E. in Electronics and Communication Engineering Gujarat Technological University - Ahmedabad, Gujarat 2008 to 2012 Skills Network Protocols : Layer 2 (ARP, VLAN, ATM, Frame Relay, MPLS, Ethernet), Layer 3 (IPV4, IPV6, EIGRP, NAT, RIP V1/2, OSPF), Layer 4 (TCP, UDP), Layer 7 (HTTP, FTP, Telnet, SSH, SIP, BGP). Networking Concepts : Email, DNS, DHCP, VPN, HSRP, Access-list, IP Sub-netting, STP, PVST, Ether-Channel, SONET, TCP/IP and OSI model, Network monitoring and troubleshooting. Software : Cisco Packet Tracer, Matlab, Simulink, Wireshark, Keil, Pspice. RF Technologies : LTE, GSM, UMTS, CDMA2000, Wi-Fi, MIMO, Massive MIMO, OFDM, Bluetooth. Programming languages : C, Basic of C++, 8085 & 80x86 P, 8051   C Assembly Languages. Hardware languages : VHDL Altera Quartus-II. Database : MySQL, Postgres. Knowledge of Cisco Certified Network Associate certification and Cisco IOS(CLI). (3 years) Certifications/Licenses CCNA January 2016 to January 2019 CCNP February 2017 Additional Information PROJECTS Implementation of different routing protocols on a network.   Implemented RIP, OSPF and EIGRP on a Cisco routers using Cisco Packet Tracer and noticed routing updates being exchanged between the routers. Studied several networking concepts using small network.   Configured static and default routing on Cisco routers.   Studied and Implemented Standard Numbered ACL and Extended Numbered ACL. Analyze Network Traffic and Protocols.   Analyzed the flow of packets for LAN and Wi-Fi interface on the computer using Wireshark.   Analyzed DHCP, DNS, ICMPv6 and TCP protocol packets. Rate versus Power Control in IS-95, CDMA2000 and LTE.   Using channel inversion, equal power allocation and water-filling technique

on SISO, MIMO schemes and finding out the rate versus power control in IS-95, CDMA2000 and LTE. MIMO Simulation study. QPSK modulation technique analyzed the performance of spatial multiplexing in MIMO wireless systems using dual polarized antenna. SNR to BER comparison between the transmitter and receiver antenna was done.

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