JIGAR VYAS

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Cell Number : (213)364-4028

RESUME

CCNA, CCNP IP Routing

Fremont,

California 94555

USA

Career Statement

- To excel in the field of networking, voice and data communication and to strengthen my overall performance. Success can only be achieved by Honesty and Hard Work.

Professional Profile

- MSEE with experience in Data and Voice Networks of higher end routers and switched Implementation, Maintenance and Troubleshooting (O&M).
- Project Management of medium to large IT and Telecom Projects.
- Design the new network depending on the requirement from internal or external customers and do the POC.

Certification and Awards

- **Successfully completed CISCO CCNA, CCNP IP Routing Certifications.**
- In Recognition of excellent contribution in Phase II Deployment & O&M of Reliance Communication Wimax Project from Telsima Communication Pvt. Ltd.

TECHNICAL SKILLS

Routers	:	Cisco routers (7600, 9000), Juniper Routers like, M320 and MX480, MX960, J4350, J6350 Arista 7200
Switches	:	Cisco switches: - Layer 2 (2900 series), Layer 3 (3560, 3750, 4500, 6500), juniper switches like EX4200, EX4500
Network Management Tools	:	WhatsUp Gold, WANDL
Protocols/ Services	:	RIP, EIGRP, OSPF, BGP, TCP/IP, PPP, HDLC, Frame Relay, ATM, MPLS, L2VPN, L3VPN, IPSec, GRE, DMVPN, Multicasting STP, VTP, HSRP/VRRP/GLBP, Basics of 802.1x
Operating Systems	:	Windows, Linux
Reports	:	Microsoft - VISIO, Power Point, Word
Software Languages	:	Python, Ansible, C, C++, Verilog, MATLAB
Packet Sniffers	:	WireShark, Etheral

SUMMARY OF EXPERIENCE:

- Over all 13+ years of experience in Networking. experience in Networking Engineering, As a Senior Network Engineer I have designed and implemented multiple projects related to new branch networks, Migration and End of Life Technology.
- Including hands-on experience in providing network support, installation and analysis for a broad range of LAN/WAN/MAN communication systems.
- Involved Knowledge on Data Center Design with Cisco Nexus, Juniper and Arista network gears etc.
- Switches and Virtual Port Channel

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- Cisco IOS and Juniper JUNOS for configuration & troubleshooting of routing protocols: OSPF, EIGRP, RIP, MPLS, BGP,LDP, L2VPN, L3VPN.
- Knowledge of implementing and troubleshooting complex layer 2 technologies such as VLAN Trunks, VTP, Ether channel, STP, RSTP and MST. Implementation of HSRP, VRRP, GLBP for Default Gateway Redundancy.
- Experience in testing Cisco and juniper routers and switches in the lab and deploying them in production.
- In-depth knowledge and hands-on experience in Tier II ISP Routing Policies, Network Architecture, IP Subnetting, VLSM, TCP/IP,
- Experience in designing and assisting in deploying enterprise wide Network Security and High Availability Solutions.
- Adept in preparing Technical Documentation and presentations using Microsoft VISIO/Office
- Excellent customer management/resolution, problem solving, debugging skills and capable of quickly learning, effectively analyzing results and implementing and delivering solutions as an individual and as part of a team.
- CISCO, JUNIPER, ARISTA and CIENA RMA process till it's closer. TAC case status update till it's closer.

Employment History:

Yahoo Inc. as Oath Holding Inc.   **Oct 2021 - To Date**
- Same Profile but Verizon sells Verizon Media Group as Yahoo Inc. and Yahoo becomes an Individual Entity.

Verizon Digital Media Services as Oath Holding Inc.   **Mar 2015 - Sep 2021**
- New network topology design and testing with either Juniper, Arista and or Cisco
- VxLAN and its configuration on Juniper and Arista platform for datacenter redundancy with vendor redundancy
- Python scripting for network automation
- Ansible/Napalm automation for large network
- Python Flask for GUI interaction for automation
- Network/Data Center Technologies: Juniper Routers (M Series), on BGP OSPF and its ACLs for block and unblock the source and destinations IP based on the network/security requirement
- Configuring router for PoP bring up, circuit Turn ups and creates the LAB environment for testing as well.
- Work with NOC team for troubleshooting the network and customer problems
- Troubleshooting on BGP, OSPF of layer 3 and Layer 2 troubleshooting too
- Routing/Switching: Mx, EX and QFX series platform
- Work on Network Automation to configure the network devices.
- Develop Monitoring Tools using streaming telemetry(gRPC, GNMI) and Telegraf.
- Learning Python for Network automation.
- In few PoP Ciena as a backbone(Ciena 6500 and waveserver AI) and so configure the ciena device and ciena automation as well.

Rose International Inc. (USA)   **Jan 2016 – Mar 2016**
Client: California water works
Network Engineer

- Network/Data Center Technologies: Cisco Routers (3900), Cisco Catalyst Switch, Cisco Nexus 5k and 7k Series, Port-Profiles, Routing and Service Profiles.
- Routing/Switching: WAN, LAN, TCP/IP, Spanning Tree, Frame-relay, PPP, Network Address Translation (NAT), Port Address Translation (PAT), Access Control List (ACL), RIP, OSPF, EIGRP, BGP, MPLS, VTP, SNMP, SMTP, Static Routing, VLAN
- Wireless Technologies: PoE, IEEE 802.1x & 802.11, WLAN, WAP, AP, SSID, Aironet.
- Monitoring/APPS: Solarwinds

Vodafone West Ltd.   **Aug 2009 - Dec 2014**
Sr. Engineer – Network Operation

- Worked on CISCO(ASR 9K,7600 series), Juniper Devices(J,M,Mx series). Also on CPE like Nortel, MROTEK, HP, Huawei routers.
- LAN/WAN network diagnose and troubleshoot on layer 1, 2, 3 problems and informed NOC team for corrective action (Worked with CISCO IOS & JUNIPER JUNOS)
- Responsible for delivery and O&M of Enterprise GGSN networks like Gn, Gy, Gi links.
- Timely site readiness, physical installation of PoP, acceptance test & commissioning of MPLS /Voice network PoP.
- Operation & maintenance of MPLS PoP of Core Enterprise & CEN network and meet customer SLA.
- Responsible for CISCO and JUNIPER RMA process till it's closer. TAC case status update till it's closer.
- Maintain Configuration, Documentation (VISIO's) and Records for Management
- IP backbone readiness for 10G and 100G link integration with DWDM Transport network. And also IP backbone up-gradation to support 100 gig links on the router.
- Distribution and access ring readiness on IP network for 1 gig link with DWDM transport network or on ECI MUX network.
- Performance, capacity & network change management of MPLS network.
- Handling the vendor team and ensuring the network & customer order execution within the timeline in coordination with all stakeholders.
- 3G core back born readiness as per corporate guide line for new roll out.
- Manage spare & necessary tools for corrective maintenance
- Attended training session of OTJNR for juniper routers.

LOBO Staffing (Project : TATA Communication Ltd.)   **January 2009 to August 2009**
L1 Data Engineer(wimax RF and IP Engineer)

- Given Training on WIMAX Evolution & Network Overview in TATA Communication Ltd. Ahmedabad. Involve in Migration of Redwin (MMDS) to Wimax
- Execute the resolution of on-site faults as per SLA
- Responsible for Operations & Maintenance Performance of Core Network
- Troubleshoot the MPLS Network as well as Micro POP Locations of VSNL
- Routine health checkup of Wimax RF and Core Network and perform preventive action for that.

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- Maintain VSNL NLD and ISP Rooms
- Traffic Analysis of all back bone links as well as other POPs of the VSNL
- Ensure the continuous availability of all data network services
- Working with Cisco routers and L3/L2 switches.
- Manage spares & necessary tools for corrective maintenance
- Coordinate with the vendor team to maintain the whole circuit for Wimax Network.
- Handle / Troubleshooting of MMDS Customers

Telsima Communication Pvt. Ltd.   **Jan 2007 - Jan 2009**
Network Operation & Maintenance

- In Recognition of excellent contribution in Phase II Deployment & O&M of Reliance Communication Wimax Project from Telsima Communication Pvt. Ltd.
- Involved in installation & commissioning (I & C), Pre-AT, AT of 50+ sites of Reliance in Gujarat.
- Maintenance of Reliance Communication's total 106 Wimax BSS.
- Troubleshooting and escalation of problems as per Severity.
- Worked on Cisco L2/L3 Switches when it was necessary.
- Traffic Analysis of Wimax back bone links and initiate it's up-gradation process accordingly.
- Worked with 802.16d Wimax technology.
- Manage spares & necessary tools for corrective maintenance
- I have done a cross check of RF Optimizing Data which comes in O&M Side.
- Physical Optimization from drive test reports like - tilting, proper Orientation, Height reduction.
- Doing SS testing at the BTS side when related problems arise.

Educational Qualifications

- Dec-2015   MSEE at NPU, Fremont, California

Academic Training

- In networking project BGP routing between different AS and OSPF as IGP in GNS3.
- DMVPN, GRE over IPSec topology successfully implemented in GNS3.
- Completed Six Months of training at Doordarshan Kendra, Ahmedabad as a part of study curriculum during Diploma.
- Completed 4 week of training at Third Wave Exim (Computer networking and Hardware Solution), Ahmedabad as a part of vocational training during degree.

Note: I require sponsorship to work in the USA. My Current VISA status is H1B.

Declaration: - I hereby declare that the above all information is true to the best of my Knowledge.