**MUZEEB REHMANI SHAIK**

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**SUMMARY**

* **M.S.** in EE, **CCNA** certified in Routing/Switching, experience in 24x7 Network/Technical Support for core networking protocols on Cisco routers and Electrical Design Validation Test Engineer Professional.
* Experienced in **Cisco NIM-4G-LTE, WLAN Hardware and IoT** module Hardware testing, validation on Cisco routers.
* Experienced in executing tests, analyze results, report failures, identifying defects at various stages of release cycle
* Experienced in debug/troubleshoot complex network issues and provide technical support in resolving the issues.
* Responsible for writing detailed test plans and test Automation using TCL, Python.
* Ability to multi-task under pressure, strong analytical problem solving, technical troubleshooting, decision-making, customer-service skills and result-driven.
* Configuration and operational expertise with traditional network switch, router, firewalls and server platforms – IOS.
* Experienced with SolarWinds NPM tool for traffic stats monitoring, and Hardware analysis.
* **Technical Skills:** Python, C++, Linux, UNIX, SolarWinds, TCL, Perl, Bash, C, Cadence Virtuoso, PCB Layout, Verilog, MATLAB, Wireshark, Xilinx ISE, Microsoft Office.
* **Networking**: **BGP, OSPF, MPLS, HSRP, IPV4, IS-IS, QoS, VRRP, EIGRP, TCP/IP, STP, RSTP, NAT, IPV6**, **DNS, DHCP, VPN, IP Multicast, VLAN.**
* **Hands on experience:** Cisco ISR 4300, 4400, ASR 1k/9k, CGR-SRV-64/128 series, R&S® CMW 500 Base Station, Thermal Chambers, IXIA, Spirent, Remote Power Boot Switch, Terminal servers, FileZilla and WinSCP.

**PROFESSIONAL EXPERIENCE**

**Cisco Systems, San Jose, CA March 2016 – Present**

**Role: Electrical Design Validation Test Engineer**

* An integral member of EDVT team delivering 24x7 support and testing LTE and IoT modules on Cisco devices, ASR 1k/9k platform ATIS TEER power testing and management, involved in hardware test/quality assurance.
* Network support top-down escalations as needed, diagnose and resolve L2/L3 related issues and recreating issues in lab.
* Successfully manage critical customer escalations (Priority 1 cases) involving HW/SW issues and provide an immediate workaround to restore Services and finding the root cause for a permanent fix.
* Performed installation, configuration, testing and deployment of LAN/WAN devices.
* Provided 24x7 operational support, managed and monitored customer network devices.
* Coordinate with hardware and software vendors to maintain operations, diagnose issues and resolve problems
* Configured, implemented, and supported Cisco routers (2800s, 3800s), switches (2960, 3550, 3560, 4500)
* Configured, implemented, and troubleshoot layer 2 switching: Trunking, STP/RSTP, Ether-Channel, and HSRP
* Upgrade Cisco ISR 4321, 4331, 4351, 4431and 4451, ASR 1k/9k platforms to latest version of ROMMON, upgrade LTE modems to latest firmware, troubleshoot and debug router configuration.
* Bench level ping and traffic testing, develop automation scripts in TCL, performance analysis and characterization of reference platforms, end to end testing, failure analysis, corrective action implementation, circuit design analysis, electrical and physical failure analysis, verify and debug TCL script for corner test.
* Troubleshoot and debug LTE signaling, connection, Bandwidth, Downlink, Uplink, Static IP, and throughput issues related to Cat4/Cat6 Base station units.
* Power cycle ping, Diagnostics PC, Thermal Verification and Traffic test with 16 corners on NIM-4G-LTE-LA, NIM-4G-LTE-GA, NIM-LTEA-EA and NIM-LTEA-LA modules under Thermal chambers. Test functionality (ping and traffic) performance of LTE modules by subjecting to different corners varying temperature, frequency and voltage.

**EDUCATION**

**MS in Electrical Engineering** December 2016

California State University, Long Beach, CA GPA: 3.6/4.0

**Bachelor of Technology, Electrical and Electronics Engineering** May 2014

Jawaharlal Nehru Technological University, Hyderabad GPA: 3.8/4.0