

# Sreeram Meka

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Houston, TX (Open to relocate)

**SUMMARY: Network Engineer** with 3 years of experience in network security, network design and network architecture helping companies maintain network/application uptime by at least 98% while working in a **client/customer facing role**.

## EXPERIENCE

### Network Engineer, QBE Insurance

August 2017 - Present

- Helped the client improve redundancy and saved datacenter rack space by 2 Rack Units (8 % space reduction) in their data center network infrastructure and protected the organization from threats and vulnerabilities by deploying Palo Alto 3050/Palo Alto VM-100 firewall solutions (App-ID, URL filtering, Web filtering, Content-ID) in high availability (HA) in active/passive configuration mode on VMWare ESXi 5.5 virtualization host.
- Managed multiple Palo Alto 3050 firewalls and reduced the time to configure and deploy the firewalls at multiple sites by more than 200% by configuring them using Palo Alto Panorama's templates and device groups.
- Resolved customers issues and reduced network outages by over 30% through phone, email, chat, and measured and met deadlines through metrics in Service Now/Remedy ITIL tool, by interacting with various vendors and Service Providers (ISPs).
- Configured Cisco routers using routing protocols such as EIGRP, OSPF, and BGP and Cisco switches using STP, RSTP, PVST and site-to-site IPSec VPN tunnels to secure company's confidential information from attackers and hackers.

### Network Engineer, Innovapptive Inc

July 2016 - July 2017

- Configured the network using routing protocols such as EIGRP, OSPF, and BGP and STP, RSTP, PVST+ in LAN/WAN environment.
- Deployed Palo Alto Virtual Firewalls VM-100 on VMWare ESXi 5.5 virtualization host and have knowledge of VMWare NSX distributed firewalls.
- Ensured that proper AWS cloud security controls are practiced such as protecting AWS API keys from posting online through forums such as Github, stackoverflow and chat forums, if not properly followed will expose confidential information and the network would be bought down by the hackers.
- Configured 802.1q VLAN, managed VLANs using VTP and configured 802.11 a/b/g/n/ac Wireless Access Points (WAP), Wireless LAN Controllers (WLC) for WPA2 and Virtual Port Channels (VPC) on Data Center Switches such as Cisco Nexus 5k and Cisco Nexus 2k Fabric Extender (FEX) (NX-OS).

### Network Engineer Graduate Teaching Assistant, University of Missouri-Kansas City

August 2015 - December 2015

- Advised students in creating network deployment projects in Cisco Packet Tracer and GNS3.
- Resolved issues faced by students during the configuration of routers and switches in Cisco Packet Tracer/GNS3.
- Graded student's assignments and reports and provided suggestions to improve their skills in network deployment.

### Network Engineer, Cognizant Technology Solutions

June 2013 - July 2014

- Configured port-security on Cisco Catalyst 3750 Switches to prevent moving of company's desktops and phones.
- Pushed configurations and reduced downtime by automation of routers and switches using Python and NetMiko/Paramiko SSH library, and Ansible thereby reducing time to deploy configurations by more than 95%.
- Configured, troubleshoot EIGRP, OSPF routing protocols and resolved network issues for layer 2 (L2) switches such as Cisco Catalyst 3750/3850/6500 switches, and layer 3 (L3) Cisco ASR1K routers.

## EDUCATION

### Master of Science, Electrical Engineering, University of Missouri-Kansas City

December 2015

### Bachelor of Technology, Electronics and Communication Engineering, Amrita Vishwa Vidyapeetham

May 2013

## CERTIFICATIONS

Cisco Certified Network Associate (CCNA) Routing and Switching

Palo Alto ACE Certification (Expected September 2018)

## SKILLS

**Tools:** Palo Alto Panorama, SolarWinds, Service Now, Remedy, Cisco ISE, Wireshark, MS Visio, MS Project, Jira Project Management, Cisco ACL, Cisco Packet Tracer, GNS3

**Routing/Switching/Security:** Cisco routers (Layer 3 L3), TCP/IP, RIP v1/v2, EIGRP, OSPF, BGP, M-BGP, Summarization, Static Routing, Dynamic routing, ASR1K, ASR9K, Cisco ISR routers, STP, PVST, Fabric Path, OTV, Palo Alto/Cisco ASA