**PURUSHOTHAM K M** Email: mashane.gowda@gmail.com

# Professional Synopsis:

* Overall 9+ years of Technical, Functional & Operational Experience in Network Design, Planning, Implementation and Complex migrations and highly competent in handling network escalations.
* Progressive experience in Datacenter network, Implementation, migrations and Project Execution.
* Worked on various products of Cisco, Router, switches, Catalyst & Stack Switches, ASA Firewall, VPN solutions, Application traffic management and Global availability with F5 LTM, sliver peak SDWAN.
* Hands-on experience in SDN, SDWAN, Python & Microsoft Azure Networking.

# TECHNICAL SKILLS

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| --- | --- | --- |
| **Routing** | Hardware | Cisco ASR 1001-X, ASR1001-Hx, ISR4331/K9, ISR4451/K9 |
| Protocols | OSPF, EIGRP, BGP |
| WAN | VRF-lite, LDP, MPLS, MPLS VPN, L2TPv3, VPLS |
| **Switching** | Hardware | Cisco Nexus Series 7K, 5K, 3K, 1K Switches,Catalyst 3750 Stack, 3850-X, 9300 Series, 4500, 6500-E Series switches. |
| Protocols | STP (RSTP, PVST, MST), VTP, HSRP |
| DC Technologies | VDC, VSS, VPC, OTV, VXLAN |
| **Security** | SecurityHardware | Cisco ASA 5505, 5510, 5515 and 5520, 5585-x |
| VPN | IPSec VPN, DMVPN, GET VPN |
| **Wireless** | Cisco WLC 5508, WLAN, Mobility, Flex Connect |
| **Tools** | Service Now, Solar winds, IPAM |
| **Load Balancer** | F5 Application Delivery controller, F5 Global Server Load Balancing |
| **SDWAN** | Deploying Hub and Spoke, establishing VPN, troubleshoot. Silver Peak appliance |
| **AZURE** | Create vnet, implement load balancer, enable FW |

**EDUCATION**

* BACHELOR OF ENGINEERING Visvesvaraya Technological University Year of Passing – 2010

# OTHER SOFTWARE COURSES/CERTIFICATION COMPLETED:

* Juniper Enterprise Routing and Switching Specialist Nov - 2019
* Attended boot camp on VMware NSX: Install, Configure, Manage [V6.2] on Feb 2018
* Attended Cisco ACI – 5 Days boot camp on Dec-2017
* Cisco Certified Network Associate Implementing Cisco IP Routing  on Sep 2016
* Implementing Cisco Wireless Networking Fundamentals  on 2015
* Cisco Certified Network Associate Implementing Cisco IP Switched Networks on Sep 2014

# CURRENT EMPLOYMENT HISTORY:

Organization: Cognizant Technology Solutions (Bangalore, India) Tenure: Oct 2011 - Present

Designation: Infra. Technology Specialist CIS-Private Cloud

Bangalore - India

# Professional Project Experience - Cognizant

**Profile 1:**

Project Sector – MassMutual

Tenure: June 2017 - till, Location: Springfield MA

# Roles and Responsibilities:

* Creating and Implementing DC Configuration scripts for new customer integration and existing customer’s migrations from existing DC to new DC.
* Analyzing the customer network architecture and maintaining their network services. Migrating the customer which has been acquired by them and providing the network infrastructure support.
* Working on network performance improving which involves the IOS upgrade and device upgrade.
* Involving in design discussion along with customer and enterprise architecture for any new deployment which would improve customer network environment.
* Attending the peer review for any configuration changes on Network, Firewalls & Load balancer devices hosted in DC.
* Conducting Team meeting to discuss the challenges involved in performing change task and providing technical guidance to the forum to enhance technical deliverables.
* Documenting the solutions, changes, and service requests. Hand-over to operation team to achieve operational goals.
* Providing packet level of analysis for critical & P1 application issue, cascading utilization, response, delay from client and server prospective. Using APCON, GIGAMON and SAVVIS OMNIPEEK appliance.

# Vendor Specific devices:

* Cisco Routers (ISR 4451-X/k9) Cisco Switches(N77-C7706), Cisco Firewalls(ASA5580-SSP-40), F5 (BIG-IP VPR-B2150),

# Profile 2:

Project Sector – CIS Admin Platform Tenure: April 2016 to September 2017

Location: Bangalore - India

# Roles and Responsibilities:

* Managing OT network and Security components
* New customer integrations with on-target platform
* Performing the Migration, Incident, planned / unplanned Change activity of OnTarget Platform connectivity.
* Involving Network & Security Solution discussion along with the Platform Architects.  Implementation of the configuration changes if any in line to the Solution team guidelines.
* Document the solutions for operations team reference and Client’s use.

# Vendor Specific devices / Technologies:

* Cisco Routers (ISR4331), Cisco Firewalls (ASA5585-SSP-40, ASA 5515-X, ASA 5525-X),

# Profile 3:

Project Sector – Vorwerk Design/Build/Migration

Tenure: May 2015 to August 2016

Profile: Infrastructure Technology Specialist

Location: Bangalore.

# Roles and Responsibilities:

* Implemented enterprise Grade Network solutions on Greenfield data center which is an Active/Passive Datacenter setup with Nexus 7K / 5K / 2K switches with multiple VDCs.
* Configured double-sided VPC for downstream switches and single-sided VPC for Firewall and Load- Balancer.
* Configured EIGRP for LAN Routing and BGP for WAN.
* Structured cabling plan along with port-mapping preparation.
* Integration of Cisco Access point with Datacentre Wireless controller in flex connect mode.
* Re-designed Campus and Branch locations Network with redundancy, migrated to the new Network across Europe, and connected over MPLS cloud.
* Co-ordinate with Vendor/Service Providers for WAN links termination at Campus and Non-Campus locations at Europe, USA and Mexico.
* IPsec VPN solutions through internet links (DSL/4G) for the non-feasible MPLS branch locations.
* Document the solutions for operations team and Client’s use.

# Vendor Specific devices / Technologies:

* Cisco Switches (Nexus 7706, WS-C4500X-32SFP+, WS-C3750X- 24T-E, WS-C2960X-48FPD-L, WS- C3560CX-12PC-S), Cisco Routers (896 VAG LTE), Cisco Wireless (AIR-AP1832I-N-K9, AP 1600I, Cisco WLC 5508 Wireless LAN controllers)

# Profile 4:

Project Sector – Global Operations Center

Tenure: Oct 2011 to May 2015,

Location: Bangalore

# Roles and Responsibilities:

* End-to-End Assessment for the Network Infrastructure.
* Evaluated existing Client network infrastructure, design and topology, Risk levels and submitted network assessment report with AS-IS discovery, analysis and Recommendations.
* Identified single point of failures, Obsoleted networking equipment, Performance Bottlenecks, High availability, Stability improvements & cost saving opportunities
* Assessed Network SME knowledge, capability, capacity & availability at different levels (L1, L2 & L3)
* Assessed the Application Networking Architecture, monitoring tool for events, alerts & reports.
* Observations on Process followed for Incident, change, problem and release management.
* Submitted Documentation on existing Network Datacenter architecture, working on all customer network upgrades and changes remotely within assigned SLA. Implement VLANs in a network campus. Implement inter-VLAN routing in a campus network.
* Implement security features in a switched network. Troubleshooting LAN, VLAN, VTP problems.
* Troubleshooting issues related to Layer 2/ 3 skills like Switching / Routing. Configuration of IP address for Switches and Routers. Configuring & Troubleshooting of VTP, INTER VLAN ROUTING. Installing, configuring & maintaining network equipment’s & devices, implementing structured cabling, routers and switches. Routing Protocols – EIGRP, RIP (v1, v2), IGRP, OSPF, etc.
* Assisted in designing and implementing VLAN and IP addressing scheme for over 800 end users in multiple departments and floors Configuring Routing Protocols – EIGRP, RIP (v1, v2), IGRP, OSPF, etc.
* Configuring the switches with VLANs, HSRP, STP and VTP. Configuration of VLANs, Inter VLAN routing and VTP on Cisco switches. Configuration of Spanning-Tree features – RSTP

# DECLARATION

*I hereby declare that, all the information mentioned in the resume is true to my knowledge and please feel free to contact me in case of any query or confusion.*

# (Purushotham K.M.)