# Manjunath.J

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# Objective:

 Overall 8 years of IT experiences as Systems Engineer with 2+ years of hands-on experience on supporting, automating and optimizing critical deployments, leveraging configuration management, CI/CD and DevOps processes

# Summary:

* Good Experience with Linux (RHEL, Centos) administration.
* Experience with Build and deploy docker Containers
* Good experience with GIT and GIT workflow
* Experience with container orchestration system such as Kubernetes.
* Shell programing experience with bash, string command-line, and experience with Python
* Server automation with configuration management tool such as ansible
* Experience with continues integrations system such as Jenkins
* Experience with Cisco UCS B and UCS Rack mount server
* Experience with VMWARE administrator
* Experience with Cisco Nexus Switchs such as N5k, N2k, N9K etc
* Work experience on protocols such as FC, FCOE, ISCSI, SAN
* Excellent communication and analytical skills, self-motivated, ability to conceptualize, document and communicate project ideas and plans.
* Ability to work in teams with efficient, pro-active and agile development strategies.

# Professional Experience:

* Currently working as **Senior Software Eng. - Systems** in **HPE R&D** on Pay role of **Mphasis India Pvt Ltd,** Bangalorefrom SEP10 2018 till date.
* Worked as **Systems Eng.** in **Cisco Systems** on pay role of **Adecco India Pvt Ltd** for 4 years
* Worked as **System Administrator** in **Sun Systems Ltd**, Bangalore, for 2 years

# Education:

* Bachelor of Computer Application St. Aloysius University Bangalore. (BCA)

# Technical Skills:

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| --- | --- |
| Operating Systems |  Windows, RHEL, Ubuntu, Centos, EXSi |
| Scripting Languages | Python, Shell (BASH) |
| Others | Kubernets, Docker, Ansible, SAN, UCS, robot framework, Jenkins, Jira, |
| Version Control Tool | GIT |
| SDLC Methodology | Agile |

**Project Experience:**

# HPE R&D (On Roll of Mphasis india Ltd):

**Project-1:** OneView Fusion Enablement & Image Streamer

**Role:** Senior Software Engg - Systems

**Technology:** Networking, SAN Storage, BL servers, ESXi, Linux, Python, Robot- framework, Docker, Kubernets, Jenkins, GIT, Anisble.

**Project Description:** HPE **OneView** is a converged infrastructure management platform that provides unified interface for the administration.

HPE **Image Streamer** is the synergy Composable Infrastructure – it composes compute, storage, and fabric pools into any configuration for any application.

# Responsibilities:

* Writing personalization scripts using shell/Python for OS such as Linux, Windows and ESXi and deploying them as Docker Container for testing.
* Validating and changing the Plain script using shell/python as per the OS requirement.
* Capturing GI’s and deploying them with the plan scripts and validate the customization after server profile creation on HPE Synergy server..
* Publishing the validated Artifacts on to GIT
* Running Automated Deployment using Jenkins
* Using Kubernetes to orchestrate docker containers
* Creating the User-stories for the new features and updating the completion status in Jira.
* API Automation of features using Robot framework.
* Modifying the existing Automation code based on the latest changes in product.
* Qualifying the features for latest releases.
* Providing the information support for the External partners and debugging the issues raised by them.
* Booting the server blades and verifying whether the network parameters and storage values are reflected from their respective profiles.

# Cisco Systems (on Roll Adecco Systems Ltd):

**Project:** Data Center Network Manager

**Role:** Systems Eng.

**Technology:** LINUX, ESXi, PYTHON, Networking, SAN.

# Product Description: We were engaged with the product called DCNM. It is a

 Tool which manages all data center product and configuration.

**Responsibilities:**

* IOS, NXOS upgrading and password recovery of the Cisco Routers and switches
* Troubleshooting routing issues on protocols such as OSPF, RIP, EIGRP
* Configure VLAN’s, SVI’s and inter VLAN routing
* Worked on Cisco Nexus 9K,6K,5K,3K,2K,7k, UCS FI 6248UP, UCSB 5108
* Worked on Features like FEX,VDC,FC, Fcoe, port-channel, lacp, VPC, san-port-channel
* Worked on NPV, FCOE-NPV and NPIV Features on cisco Nexus.
* Configuring CIMC, Raid and installation of CNA, HBA,VIC cards on UCS servers
* Worked on and configured Fabric interconnect 6248UP and 6296UP and I/O Module 2204 and 2208XP
* Installation, Upgrade/downgrade of Firmware on UCS B 5100 Series and Rack mount servers like, M1, M2, M3, M4 Servers
* Worked on IBM Flex chassis with Cisco Nexus B22 Fabric extenders
* Connecting Initiator and Target using Zones, Zonesets on Cisco MDS and Cisco Nexus devices
* Provisioning LUN using EMC VNX storage box on VMWARE and setting up RDM on Linux and Windows Hosts
* Worked on Cisco DCNM
* Worked on ESXi 5, 5.5, 6 and VCenter 5.5 and 6.
* V-center installation, and managing ESXI hosts, VM’s
* Creating and managing VMWare cluster. Enabling HA and DRS features in a cluster.
* Creating and Managing Virtual Machines and Templates.
* Installing VMware Tools for Virtual machines and upgrading VM hardware version.
* Assigning LUNs to ESXi hosts and creating VMFS Data stores.
* Migrating Virtual machines with VMotion, cold migration and Storage vMotion
* vSS and vDS configuration
* Deploying virtual machines from Templates, OVA, OVF and Cloning.
* Creating and Managing of VM snapshots.
* Extending virtual machine hard disks according to the customer requests.
* Troubleshooting hardware related issues in ESX servers.
* Upgrading/Patching the ESXi Host using Update manger.
* Installing Multiple Flavors of Linux
* Managing User Login issues.
* Configuring RPM repository
* Installing and configuring TFTP, FTP, VNC, SAMBA services.
* Configuring and managing Network services
* Expanding and reducing Linux Partitions with LVM
* Linux Boot up issue troubleshooting
* Running start up script to configure OS.
* Creating init and systemd services

# Sun Systems

**Role:** Systems Administrator

# Responsibilities:

* Troubleshooting computer Hardware/software and Printers problems.
* Implementation of LAN Structured cabling, LAN Maintenance. Installation and configuration.
* Installation of multiple OS of windows and Linux
* Managing/Installing Anti-virus and Systems updates
* Worked on Active Directory, DHCP, DNS implementation
* Troubleshooting Problems related to OS and L2/L3 Networking
* Troubleshooting PC/Server boot up issues
* Conduct or assist in hardware tests to verify correct functionality.
* Ensure proper installation of h/w, network connections, and systems.
* Provide technical support to Customers

# Personal Details:

Father Name : Jambulal. S

Date of Birth : 04-09-1988.

Marital Status : Unmarried.

Languages Known : Kannada, English and Hindi.

Permanent address : Bangalore, Karnataka

# Declaration:

I hereby declare that the above stated particulars are true to the best of my knowledge and belief and given a chance to serve your organization, I shall do my best.

**Place:** Bangalore

**Date:** 11/09/2020 (J. Manjunath)