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# Employee Summary

* Overall 13+ years of experience in IT as Infrastructure admin.
* Having 10 years of Experience on UNIX/Linux and VERITAS products
* Having over 5+ years of experience as a **DevOps** engineer.
* Experience on DevOps essential tools viz **Ansible, Docker, Kubernetes(K8s), GIT, Jenkins**
* DevOps Engineer with extensive work experience on Build/Release Management process and AWS cloud computing that includes end-to-end code configuration, automation, and deployments of artifacts for entire life cycle model in Enterprise Applications.
* Experience in **Kubernetes** like creating PODS, by using Replica Set and Deployment Controller.
* Provisioning of instances on cloud using **Terraform.**
* Created private cloud using **Kubernetes** that supports DEV, TEST, and PROD environments.
* Support dev team on Builds & Deployments.
* Support in releases to prod environment
* Managed **Kubernetes** charts using Helm. Created reproducible builds of the **Kubernetes** applications, managed Kubernetes manifest files and Managed releases of **Helm** packages.
* Good hands-on Experience in containerization tool to deploy the application in different environment using **DOCKER**
* Configuring and maintaining **Ansible** server, creating nodes and pushing them to Ansible Clients.
* Extensive experience in **LINUX/Unix System** Administration, System Builds, Server Builds, Installations, Upgrades, Patches, Migration, Trouble shooting.
* Strong inclination for finishing job before project deadline. Flexible and versatile to adapt to any new environment and work on any project.
* Experience in creation of **SOP**s which will help for automation.

# Technical Skills

* Operating System : Solaris 9, 10, 11 & Linux 5,6,7, VMware ESX5.x,6.x
* Applications : GIT, Ansible, Jenkins, Docker,
* Virtualization : VMWARE, ZONES, LDOMS,
* **C**loud: AWS, OCI, AZURE, Few Internal Clouds as well
* Automation : Ansible, Shell Scripting, Python, JC, Terraform

# Certifications

* VMWare Certified VCP6-DCV.
* Sun Certified Solaris Administrator for Solaris 10 & 11
* Administration of Veritas Storage Foundation 5.0 for UNIX
* SUN-Cluster Certified 4.1
* OCI Certified Professional.

**Professional Experience 6:**

Organization : LTIMindtree formerly Known as Mindtree

Designation : Associate Principal Architecture

Period : Dec 2021 to Till Date

**Responsibilities:**

* Performing application configuration, deployment and testing before go live.
* Designing and implementation of **CI/CD** through Jenkins and Release Management.
* Integrating GIT into the CI environment using **Jenkins**
* Deploying the applications as microservices on **AWS OpenShift.**
* Expertise on troubleshooting in **Build Issues.**
* Deployed docker containers through **kubernetes** to manage the microservices using its Nodes, **Pods**, **ConfigMaps**, **Selectors**, **Services**.
* Created a Continuous Delivery process to include support building of **Docker** Images and publish into a private repository- Nexus v3.
* Used CI/CD tools Jenkins, Git, **Jira** and Docker registry/daemon for configuration management and automation using Ansible.

**Professional Experience 5:**

Organization : Oracle India Pvt Ltd

Designation : Principal System Administrator

Period : Aug-2018 to Till Date

**Responsibilities:**

* Providing 24x7 support for development environment servers in US, APAC, EMEA regions.
* Provide Virtual Server Infrastructure/OVM administration in all Oracle Hard wares.
* Expertise on troubleshooting in server down issues
* Working on Exadata and Epagogic Servers
* Created a Continuous Delivery process to include support building of **Docker** Images and publish into a private repository- Nexus v3.
* Used CI/CD tools Jenkins, Git, **Jira** and Docker registry/daemon for configuration management and automation using Ansible.
* Responsible for **CI and CD** using Jenkins, Maven and **Ansible**.

**Professional Experience 4:**

Organization : IBM India Pvt Ltd, Hyderabad

Designation : Technical Services Team Leader

Period : July-2012 to Aug-2018

**Responsibilities:**

* Worked on DPP (Defective Prevention Program), which help in reduction of incoming Incident volume
* Utilized Linux Admin skills on deployment servers to make sure the servers are up and running and user, group activities.
* Migration of servers from P2V.
* Responsible for Software Configuration Management, Installing Software and maintaining the Build Environment using Ansible
* Responsible for orchestrating CI/CD processes by responding to Git triggers, human input, and dependency chains and environment setup.

**Achievements:**

* Received Executive Directory Award from Telstra Director.
* Selected three times in Reward and Recognition program.
* Took KT of 2000+ servers and moved the project live successfully in the span of 90 days.
* Lead the Automation project for Servers Health Check.
* Prepared the SOP (Standard Operation Procedures) documents for daily routine activities.
* Done VMware VCP 6.0 Certification

**Professional Experience 3:**

Organization : Wipro Technologies, Banglore

Designation : Senior System Administrator.

Period : Dec-2011 to July-2012

**Responsibilities:**

* Service Activation and Deactivation.
* OS Upgrades to Solaris 10 from Solaris 8, 9 by using Live upgrade
* Management of user calls and vendor calls
* Network Management - configuring network interfaces and troubling shooting network problems
* Creating, Resizing, Importing and Deporting of Disk groups and Volumes
* Supporting L2/L3.
* Install, configure and troubleshooting problems associated with Veritas Cluster Server in Solaris and Linux
* Expert in handling critical situations like Major Outages, Vulnerabilities etc…
* Installing, Managing and upgrading patches and packages

**Professional Experience 2:**

Organizatin : TechMahindra, Pune.

Designation : Infrastructure Operations Associate

Period : Jun 2010 to Dec 2011

**Responsibilities:**

* Migration of data from old LUNS to New LUNS.
* Installing, Managing and upgrading patches and packages
* Implementation of RAID-0, 1, 0+1, 1+0 and RAID-5 volumes
* Disks replacement on SSA Array, Enclosure disks replacement on A5200, A5000, A1000

**Professional Experience 1:**

Organization :MphasiS an HP Company, Pune.

Designation : Transaction Processing Officer.

Period : Mar 2009 to May2010

**Responsibilities:**

* Supported around 1000 UNIX servers in production support (L1) environment Symantec.
* Creation and management of UNIX (Solaris) file systems, and their maintenance.
* Installation of OS package and patches as per requirement in customer environment in Solaris platform.
* Security implementations: setuid, segued, sticky bit implementation at user & system level.
* Manage backup’s using Solicited Networker, Ufsdump and tar.

# DevOpsEngineer - Profile

* Responsible for Software Configuration Management, Installing Software and maintaining the Build Environment using Ansible
* **Planning & scheduling build release time, Reviews coding**
* Utilized Linux Admin skills on deployment servers to make sure the servers are up and running and user, group activities.
* Used Ticketing tool **JIRA** to track defects and changes for change management
* Managed **Ansible Playbooks with Ansible modules,** implemented **CD** automation using Ansible, managing existing servers and automation of build/configuration of new servers.
* To deploy the application and manage the session used Windows Azure.
* Installing and configuring **Terraform** and building the infrastructure using terraform configuration file.
* Created Master-Slave configuration using existing Linux machines and **EC2** instances to implement multiple parallel builds through a build farm, expertise in troubleshooting build and release job failures
* Responsible **for CI and CD using Jenkins,** Maven **and Ansible.**
* Container management using Docker by writing **Docker files** and set up the automated build on Docker HUB and installed and configured **Kubernetes**.
* Designed and Developed automation test scripts using **Python**
* Responsible for continuous Integration (CI) and continuous Delivery (CD) using Jenkins.
* Building/Maintaining Docker container clusters managed by Kubernetes, Linux, Bash, GIT, Docker, On premise. Utilized **Kubernetes** and **Docker** for the runtime environment of the CI/CD system to build, test deploy.
* Implemented the automation scripts (Batch, shell Script) for deployment process to different environments.
* Setting up deployment regions and automate deployment process to release environments.
* Responsible for creating and managing azure storage accounts.
* Experience in creating and managing the VM’s in Microsoft **Azure Cloud**.
* Hand of experience in writing Azure Resource Manager (**ARM**) to deploy.
* Build and release Ec2 instances Amazon Linux, Red hat and Windows for POC, Development and Production environment.
* Setup and attached EBS volumes to Ec2 instances. Setup and configured EIP to ec2 instances.
* Setup and managed security groups, VPC’ specific to environment.
* Created AWS Cloud formation templates on creating IAM Roles & total architecture deployment end to end (Creation of EC2 instances & its infrastructure).
* EC2 instances, Auto Scaling, Elastic Load Balance and AMIs.
* Launching and configuring of Amazon EC2(AWS) Cloud Servers using AMI's (Linux/Ubuntu) and configuring the servers for specified applications.
* Configured and managing security groups, S3, ELB and VPC.
* Configuring Cloud Watch for monitoring Instance, RDS, ELB’s etc.
* Migrating and Managing DNS entries in Route 53 and various DNS providers.

# Linux-UNIX Profile

* A Certified Systems Administrator with 9+ years of experience information Technology which includes 9+ years of focused experience in System Administration, System Builds, and Server builds on UNIX(SUN Solaris, Red Hat Linux),Installs, Upgrades, Patches, Configuration, Performance tuning on UNIX, system software and hardware.
* OS Upgrades to Solaris 10 from Solaris 8, 9 by using Live upgrade
* Migration of servers from Physical to virtual(P2V).
* Build of Zones, LDOMs.
* Breaking the Root Password in SPARC servers, Linux
* Performance Tuning on Solaris Machines by Vmstat, Iostat, Prstat etc.
* Troubleshoot of Zone Administration and configurations.
* Decommission of physical servers.
* Increasing the Capped memory on local zones.
* Configuring SAN LUN in Solaris servers at ZFS and VXVM level.
* Installing Patches on Solaris 11.
* Live upgrade in Solaris 10 at SVM and ZFS level.
* Hands on experience at Data Center in various SPARC servers.
* Solaris OS installation and Server build with system hardening.
* Installing OS Like Suse Linux 10/11,Redhat Configuring Network, Printers and Applications. Kernel upgrade and Bios upgrade.
* Package management by using RPM & YUM on Red hat.
* LVM Administration.
* Setting up Secure NFS Servers with multiple clients for File and Disk sharing for Corporate Intranets.
* File system - organization, Mounting, file types, permissions etc.
* Virtual Hosting and access control with HTTP authentication.
* Mounting windows share on LINUX system through CIFS file systems.
* Configuring ISCSI Target and discover LUNs on Linux system persistently.
* Yum configuration & packages installation through rpm & yum.
* Knowledge of shell scripts and Schedule cron jobs
* File system Management
* Rebuild Server and restore the tools.
* Involved in LINUX patching via Blade Logic
* Repository and package management through RPM and YUM

# Blade Logic:

* Configure BL servers and install the BL on clients.
* Implement jobs in multiple servers through BL
* Fix the connectivity issues between the clients and BL server

# Professional Qualification:

* Trained on Oracle M5-32, M6-32 Servers
* Self-learned on cloud variants like AWS and Open Stack
* Self-learned on Big Data (Hadoop), Python

# Educational Qualifications

* MBA from Andhra University,2006,
* B.Sc. (comp) from Acharya Nag arjuna University, 2004.

# Personal

Name : Sreenivasa Raju Manthena

Languages Known : Telugu, Hindi, English