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**Sriharsha Mulakalapalli**

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**Objective:**

Looking forward to work with a progressive organization that gives scope to apply my knowledge and skills, and to be a part of team that dynamically work towards the growth of the Organization.

**Professional Summary:**

Having Overall 8+ years of IT experience and 5+ Years of expertise as a **AWS DevOps** Engineer

* Experienced in implementing Organization DevOps strategy in various operating environments of Linux and windows servers along with cloud strategies of **Amazon Web Services.**
* Had experience on **Kubernetes** for managing **docker containers** and setting up **Prometheus and grafana** for **Kubernetes** cluster (EKS) in AWS
* Have migrated on premise virtual machines to **Google cloud platform**
* Having very good experience on maintaining GIT **repositories**
* Had a blended experience on working on production issues in all flavors of windows **physical/ virtual machines.**
* Have worked extensively on **vmware administration** and experienced in **incident and change** management
* Experience with **Jenkins and Azure DevOps as Continuous Integration / Continuous Deployment Tool** .
* Have experience in setting up **nagios server** and **nagios agents** and enabling monitoring
* Proficiency in SCM techniques – branching, merging, controlling, and monitoring code changes.
* Experienced in creating CI pipelines for **Coverity and SonarQube**
* Experience in creating the company's **DevOps** strategy in a mix environment of Linux **(RHEL, Ubuntu)**
* Worked on configuring backups through **Nexus** repositories.
* Experience in Setup CI/CD pipelines in **Azure DevOps and Jenkins**.
* Experience with setting up **Kubernetes** Clusters in production.
* Managed servers on the **Amazon Web Services (AWS)** platform using **Ansible** configuration management.
* Used **Red Hat Satellite Server** to upload artifacts.
* Created and maintained various DevOps related tools for the team such as provisioning scripts, deployment tools, and development and staging environments on **AWS** .
* Experienced in AWS services like **VPC, EC2, S3, ELB, Auto Scaling Groups, SSM,RDS, IAM,**

**Cloud Formation, Route 53, Cloud Watch, Cloud Front, Cloud Trail, SNS** and Others.

* Provided 24x7 production support and development environments. Ability to communicate requirements effectively to team members and manage applications and familiarity with ITIL, incident, change management process

**Skill Set**

SCM Tools : GIT

Release : Merging, develop branching strategy, Packaging, Bug fix &

Releasing, and Continuous integration

Build Tools : Maven,ANT

CI Tool : Jenkins.

Configuration Management Tool: Ansible

Scripting &Languages : shell scripting, python

Operating Systems : Windows 2003,2008,2012& Redhat 6 ,Redhat 7,centos.

Hardware : HP and Dell servers

Virtualization : VMware

Containerization tool : Docker , Kubernetes

Cloud Services : AWS

Infrastructure As a Code : Terraform , Aws Cloud Formation

**Work Experience**

**Infosys Limited:**

**Working as Senior Consultant for leading US Networking client in Infosys Technologies PVT LIMITED from 22nd January 2018 ..**

Responsibilities:

* Managing the infrastructure using AWS cloud and DevOps tools and supporting 500 +developers during multiple concurrent releases.
* working on branch pull requests , syncing parent branches with child branches of git using Jenkins pipeline.
* Had migrated on premise vm’s to google cloud through Migrate for compute engine service
* Experienced in building policies for access control and user profiles using AWS IAM, S3 controls with bucket policies.
* Excellent knowledge of S3 storage strategies such as Versioning, life cycle policies, cross region replication.
* Deploy and monitor scalable infrastructure on **AWS** Using Configuration management.
* Working with DevOps Best practices using **AWS**, **Docker** with **Kubernetes**.
* Proficient with container systems like **Docker** and container orchestration like **EC2 Container Service**, **Kubernetes** and worked with **Terraform.**
* Managed **Docker orchestration and Docker containerization** using **Kubernetes.**
* Used **Kubernetes**to orchestrate the deployment, scaling and management of **Docker** Containers.
* Has set up build and release pipeline in azure devops as per client request.
* Configured & deployed Java applications on Amazon Web Services (AWS) for a multitude of applications utilizing the AWS stack, cloud formation.
* Experienced with AWS CLI to control various AWS services.
* Handling Patching activities using **AWS SSM**
* Worked on Build support and Release management of various versions **GitHub** development branches used in Cisco phone applications.
* Installed **Jenkins, MySQL, SonarQube** on new RHEL 7.4 servers and migrated Jenkins from 1.692 to 2.11
* Participating in daily scrum meetings and working in KANBAN methodology and weekly sync up call with onshore.
* configuring the SonarQube for the code quality checks and also sonar jobs to send notifications to all product owners.
* Responsible for Maintaining/Administration of **GIT** Version control tool.
* Creating Tags and support branches and Manage code repositories (branching, labeling etc.).
* Adding /Deleting, Permissions and Customizing Views and Branches Performing the **GIT Merging activities.**
* Performed SCM tasks, such as **check-in, checkout, branching, tagging and merging code** from development branches to main branch and main branch to development branches.
* Implemented **Jenkins** for Continuous Integration Builds and Notifications exclusive for Dev as a self-help feature.
* Performing installation testing on builds before handing over to QA team
* Worked with developers, QA and Product support teams to identify and resolve build problems.
* Review build results, debug and optimize complex builds, and discuss technical issues with developers, architects, and managers.
* Assisting development team in resolving issues with build, environment, SCM and tools.

**WIPRO Technologies PVT LIMITED**

**Worked as AWS DEVOPS engineer for leading US healthcare client in WIPRO Technologies PVT LIMITED from July 1st 2016 to 8th January 2018**

**Responsibilities:**

* Experienced in creating multiple VPC’s and public, private subnets as per requirement and distributed them as groups into various availability zones of the VPC

• Created NAT gateways and instances to allow communication from the private instances to the

Internet through bastion hosts .

* Experienced in AWS Networking such as Direct Connect, Virtual Private Gateway (VGW), VPC,

Subnets, NACL’s and Security Groups.

* Used Cloud Watch for monitoring AWS cloud resources and the applications that deployed on

AWS by creating new alarm, enable notification service.

* Created topics in SNS to send notifications to subscribers as per the requirements
* Set up and built AWS infrastructure with various services available by writing cloud formation templates.
* Wrote Lambda functions for providing the instance details, s3 buckets in region and to perform actions like start, stop, reboot ec2 instances.
* Configuring the **Docker** containers and creating Docker file for different environments.
* Deploy and monitor scalable infrastructure on Amazon web services (**AWS**) & configuration management using **Ansible**.
* Created a continuous delivery pipeline from the ground up built with **GIT, Ansible and Jenkins** for client's finance integration team.
* Worked with developers to ensure new environments both met their requirements and conformed to industry-standard best practices.

**IBM INDIA PVT LTD**

**Worked as a Senior Systems Engineer for one of the leading US Telecomm client in IBM India PVT Ltd from July 2015 to JUNE 27th 2016.**

**Responsibilities:**

• Handling 400 Esxi Hosts and 2500 VM's.

* Create branches in **GIT** & provide access permissions to developers on need basis.
* Troubleshoot application issues by log verification.
* Worked on deployment of applications on web servers like **Apache Tomcat**.
* Performed code deployments using **Jenkins C**I tool.

• Installing and configuring Esxi server

• Patching and upgrading of Esxi servers, Vmtools & Virtual hardware using Update Manager

• Managing the template and building VM’s from the same.

• Working on Clones and snapshot and performing P2V and V2V.

* Maintain knowledge base to track different issues encountered.
* Support daily builds and product releases on Linux platform.
* Used **Maven** plugin for building and releasing packages
* Monitor builds and provide proactive support to resolve any build issues.
* Develop and configure Jenkins CI tool for releases and enhancing/maintaining to suite the requirements.
* Deployment through Ansible by provisioning VMware at venter level by vSphere plugin.
* Experience in implementing and adapting to **Release/Change Management** Process.

**XBSIT Services Private Limited(ATOS)**

**Project Detail’s: Worked as a windows and VMware support engineer for Retail client. (April 2012 - july 2015)**

* Maintenance of 4000+ windows Servers.
* Installing and configuration of new windows servers (Includes Physical & Virtual Servers) as per client requirement.
* Performing Windows servers decommissions (Includes both Physical & Virtual Servers).
* Managing and patching of Cluster servers.
* Patching the windows servers on monthly basis in case of failure.
* Monitoring and troubleshooting the backup issues.
* Working on system hangs and systems abnormal reboot issues.
* Working on the alerts which are generated from the science logic monitoring tool.
* Installing IIS and other 3rd party applications
* Working knowledge on DNS, DHCP.
* Administering servers using ILO and Mstsc.
* Working on hardware issues on servers and getting scheduled with on-site engineer to replace the same.
* Installation and configuration of New ESX servers.
* Managing VM servers through Virtual Center
* Working Knowledge on Host Profiles and Schedule tasks.
* Hands on Experience on VM Administration, VMware Cloning and Templates.
* Handling the Hardware up-gradation on VM’s.
* Adding vlan’s to the Vcenter as per the request from other teams
* Working on alerts which are generating from Vcenter.
* Adding and decommission of data stores in Vcenter.
* Upgrading Vmtools and VM Hardware versions using update manager.
* Implementing Change/Release & handling Incidents/Problems as per ITIL Process.

**Education**

B.Tech in Electronics(ECE) from JNTU Hyderabad.

**PERSONAL DETAILS**

* Date of Birth : 1-Nov-1989
* Languages Known **:** English, Hindi & Telugu
* Address of Correspondence : Srinivasa Nilayam, Flat no:102,5th cross

Reddy Layout, Munnekollal, Bangalore-37

**Declaration**

I hereby declare that all the above-furnished information is correct and true to the best of my knowledge

Place: Bangalore Sriharsha .M