Lakshmi Narayana Reddy
E-mail: narayanareddy5866@gmail.com
Contact : +91 8125958230

Objective:

Extremely passionate and dedicated professional seeking an organization that persuades learning and has scope for personal and professional growth in the field of automation,configuration and deployment management.

Work experience:

Working as Devops Engineer in **TCS, Hyderabad** from 2018 – Till Date .

Professional summary:

- As a **Devops engineer** I have an experience of 3 years in automation,configuration managementand cloud services.
- Provisioned muti-stack servers with the help of configuration management tool, **Ansible.**
- Profound experience in writing **Ansible playbooks** to configure systems and created **Roles** as aprophecy for reusability of playbooks.
- Expertise in building automated **CI/CD** pipeline with the help of **Jenkins** and versioning **artifacts** using **Nexus** repository manager.
- Configured **jenkins** job with **Maven** build tool and accomplished continuous deployment by integrating **Ansible** and **jenkins** using jenkins plugins.
- Experience of using distributed version control system **GIT.**
- Automated deployment to various environments like **DEV, QA, UAT/STAGING**.
- Configured **jenkins nodes** to build jobs in the view of distributing the load of jenkins server andachieved **parallel builds**.
- Familiar with **matrix based security** in jenkins to restrict the users of jenkins at different levels.
- Provisioned environments using **Docker** and **vagrant.**
- Hands on installation of application servers such as **apache**, **apache-tomcat, mysql, nginx.**
- Hands on experience of **AWS services** in the process of providing cloud based solutions to client.
- Experience of configuring highly available,secure and robust **virtual private cloud (VPC)** inAWS.
- Expertise in creating backup of **EBS** and restoring it in the desired region.
- Expertise in creating **AMI** and launching & managing **EC2 i**nstances with the help of **Ansibleplaybook.**
- Hands on experience in establishing different environments using **elastic beanstalk.**
- Experience of configuring **auto-scaling** to handle the load on servers.
- **Troubleshooting** build & deployment failures and in configuration management.
- Familiar with Software development life cycle**(SDLC)** methods.
- Inculcate the knowledge of **SCM** and build processes to Developers and QA teams.
- Experience in writing **shell scripts**.
- Knowledge on Kubernetes.

Educational qualification:

Graduated **B-Tech** in QIS IT (JNTU-K) (**2018**).

Technical skills:

Operating systems	**:Windows, Ubuntu and Centos.**
Configuration tools	**:Ansible**
Version control systems	**:Git**
Containerization	**:Docker**
CI/CD tool	**:Jenkins**
Cloud technology	**:Amazon web services**
Scripting	**:Bash**
Monitoring tools	**:Cloud watch**

Project summary:

Project-1:

Organization :	**TCS**
client	: **Vimo**
project	: **Get insured**
Role	: **Devops engineer**
Environment	: **RedHat Linux, Git, Jenkins, Maven, Ansible, AWS.**

Project Description:

Vimo Inc. designs, operates, and sells online shopping portals for health-insurance plans. Its portal enables small businesses and families to research, rate, and purchase health care products and services, such as insurance, health savings accounts, medical procedures, doctors, and dentists. The company offers short term, group/small business, individual, and family health insurance to individuals and families.

Responsibilities:

- I have been working closely with a team whose key responsibilities are creating and managing infrastructure for developers, testers and DB administrators in a way to accomplish automation.
- As Devops engineer in my team I have a responsibility in configuring Jenkins jobs in such a way that fetches source code from **Git** repository.
- Configured Jenkins with **maven build tool** in generating **war/ear** files and archived them.
- Responsible for maintaining backup and versioning of **war/ear** file using **nexus** repository.
- I have personally used **vagrant** for testing automation scripts before configuring them in real timeservers.
- Integrated **Git, Jenkins** and maven in accomplishing continuous integration and configured Jenkins with **Poll SCM** build trigger.
- We are using **Ansible** as primary automation tool in configuring and deploying artifacts to several environments.
- As most of the infrastructure is hosted in **AWS cloud** I am responsible for creating and managing **EC2 Instances.**
- Configuring **EC2** instances with Playbooks to enable environment for deployment.
- Maintaining **AMI**s of the Configured Ec2 instances.
- Creating Jenkins jobs and distributing load on Jenkins server by configuring **Jenkins nodes** whichwill enable parallel builds.
- Managing Jenkins artifacts in **Nexus repository** and versioning the artifacts with time stamp.

- Deploying the artifacts into servers in AWS cloud with **ansible** and **jenkins**.
- Maintaining backup of Jenkins builds in AWS **S3**.
- Creating backup of **EBS** volumes and restoring it.
- Ensuring the servers to sustain the load by configuring **Elastic load balancer** &**Auto scaling**.
- Enabling highly available & robust **virtual private cloud** to ensure the network isolation from public cloud and securing them with Security groups and **NACL**.
- Involved in Writing Docker files to build customized images for creating containers.
- Bundled automation content with **Ansible roles** to make the content reusable and made possibleadvanced execution in automation.
- Deployed builds to different environments like DEV, QA, UAT environments by integrating **Jenkins and Ansible.**
- Collaborated with Developers and testers in achieving organizational goals and educated them aboutbuild process.

Project-2:

Organization : **TCS**
Client   : **Compass**
project   : **Compass**
Role   : **Devops engineer.**
Environment : **RedHat Linux, Git, Jenkins, Maven, Ansible, Nexus.**

Project description:

BBVA Compass Bancshares, Inc. is a Sunbelt-based bank holding company and ranks among the top 25 largest U.S. commercial banks based on deposit market share.It provides investment services ,Insurance services, Wealth solutions, mobile banking and lending services.

Responsibilities:

- Configured Jenkins jobs with **Git** and **Maven** for generating artifacts.
- Responsible for maintaining backups in **Jenkins**.
- Installing and configuring **Ansible** and Involved in writing **Ansible playbooks** for configuring the servers.
- Configured **Jenkins** with **Ansible** for deployment of the application in servers.
- Developing **Ansible Roles** for re-usability and sharing the roles.
- Maintaining the versions of Jenkins artifacts in **Nexus** repository.
- Maintaining backups of Jenkins jobs to ensure the files in Workspace available.
- Managing **Jenkins** load by creating Jenkins slaves and ensuring parallel builds.
- Configured servers and deployed in different environments like DEV,QA,UAT/STAGING.
- we use **Git** to place our source code and involving in branching.
- Configured Jenkins with **Github Webhooks** to automate the integration and notifying theerrors insource code to the developers.

(NARAYANAREDDY A)