Name : **V.Rupesh babu**

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# Professional Snapshot

* Having 3.5 years experienced software professional with all phases of SDLC and testing

focusing on translating business requirements into viable technical solutions.

* Creating CI/CD DevOps Build and Deployment Automation – using GIT, GitHub, Maven, Nexus, SonarQube, and Jenkins Pipeline in AWS Cloud environment.
* Worked on creating new infrastructure on AWS including instance creation to deploying environment.
* Having good working experience on LINUX and Windows platform.
* Having good experience on Frog-Artifactory and Nexus creating Repositories and uploading files and administration.
* Having good experience on SonarQube creating projects, Quality gate and administration.
* Working with Development and Testing team to establish a build schedule, execute the builds,

Writing Scripts for Automation and troubleshoot build failures.

* Having good knowledge on Docker Containerization and Docker files.
* Experience in configuring and updating the servers using configuration management tool

Ansible and Writing Playbooks and Roles.

* Basic Knowledge on Kubernetes and Orchestration and Cluster’s.
* Developing Yaml files based on requirement.
* Good experience with helm charts and Docker Containers.
* Having good experience in Terraform and provisioning with Cloud for infrastructure.
* Customer focused, organized, detail oriented with the ability to meet deadlines.
* Managing the services within AWS and global IT infrastructure.
* Managing Cloud watch for monitor critical system health, performance, security.
* Having Cloud Knowledge on AWS (EC2, IAM, VPC, EKS, Route 53, Load Balancer, Autoscaling, S3, SNS, and SQS).
* A quick learner who can swiftly adapt to new challenges.
* Experience in Application development and maintenance project.
* Having good experience with writing Shell Scripts and Yaml files.

# Employment Details

1. Previously working in L&T INFOTECH Jan 2019 to 2021 mar.

2. Currently working as a DEVOPS Engineer in Fujitsu consulting pvt ltd Chennai 2021to still.

# Education Qualification

Degree in Bcom(ca) from S.V.University ,Tirupati – OCT 2018

# Technical Skills

* Proactively monitoring & administering production and development servers.
* Operating Systems: Red Hat Linux 5.0/6.0, Amazon Linux,Rocky Linux.
* Cloud Skills: Amazon Web Services (AWS),EC2, VPC, Cloud Watch, Cloud Trail, IAM, Cloud Formation, Route 53, ELB, Glacier, Auto Scaling .
* Configuration Management: Ansible.
* Monitoring Tools: Nagios, Cloud Watch, Zabbix,Grafana , Prometheus
* CI/CD: Jenkins
* version control tools: Git, GitHub.
* Infrastructure as a code : Terraform.
* Containerization Tools: Kubernetes-Helm, Docker

**Project # 1**

Project Name: Sears Ecommerce Client : L&T InfoTech

Role : Build&Release Engineer

Environment: AWS, Git, GitHub, Maven, Jenkins, Nexus, Ansible, Docker, Tomcat Operating System: RedHat/CentOS

Team Size 6

Project is about maintaining ecommerce website of Sears 24/7. As major part of Sears business is based on Ecommerce site should be available all the time. Our team job is to build and release code for deployment on appropriate servers to Deployment team. Site will be developed in 4 stages- DEV stage, testing (QA) stage, UAT stage and production.

## Roles & Responsibilities

* Deployed and monitored scalable infrastructure on Amazon web services specifically on AWS EC2.
* Maintaining a farm of EC2 instances, S3, ELB’s, Cloud watch, VPC, Route53, Load balancers and RDS.
* Developed automation framework for Application Deployments to the cloud environments.
* Manage configuration of Web App and Deploy to AWS cloud server.
* Managing and doing new integrations based on the project requirements and provide support.

## Project Description

* Working with supporting different Environments with help of chef to deploy applications in different Target Environments.
* Built and managed a large deployment of Red-hat Linux instances systems with ansible Automation.
* Terminating/Stopping/Creating EC2 instances using AWS Console.
* Creating user accounts for the Dev/QA team using AWS IAM.
* Responsible for creating the Jenkins pipelines for Automation job creation.
* Integrated Jenkins through Github Authentication.
* Enabling the Role based access to the Jenkins.
* Resolving build issues like adding the build profiles on maven configuration file.
* Integrated all the services with chef-zero to avoid the usage of chef-server.
* Enabling the SonarQube Quality gates for the modules of the project to maintain the Stability of the code quality.
* Generating the SonarQube reports for the individual modules of the maven project.
* Configuring and enabling the SonarQube through Jenkins pipeline jobs.
* Integrated the Jenkins pipeline jobs to run the Sanity, Integration and system Test cases.
* Enabling the Git tagging through pipeline for every released component.
* Resolving the build issues and deployment issues.
* Migrating the Jenkins version from lower to higher.
* Enabled the maven site generation for the all the modules.
* Working with Relational Databases closely in order to perform profile creation using the rest clients.
* Integrating the business intelligence tools with the data pipelines for the continuous visualization.
* Creating new clusters and integrate monitoring tools like Grafana and Prometheus monitoring the Kubernetes clusters.
* Integrating Azure Data Factory (ADF) with the AWS S3 for seamless data flow for visualization.
* Setting up the antifactory repositories with Jenkins for backup and storing artifact builds data.

Involved in all project activities and actively provided my inputs to the project .

**Fujitsu consulting Ind Pvt ltd, Chennai**

**from mar2021 till date.**

DevOps Engineer (mar 2021)

**Project2:**

Humana is a one of the Leading Health insurance Pvt Ltd in USA it is providing to Health insurance to USA and Supplying the Medical Equipment’s to Customers and Providers and for this Details they are Maintaining by Using the tools like GCP and CCP.

* Responsible for the set up and ongoing maintenance of GIT.
* Participated in Branching and Merging using GIT.
* Responsible for the set up and ongoing builds in Jenkins.
* Configuring Slaves, Installing Plugins in Jenkins as per project requirements.
* Created continuous integration builds using Jenkins and Troubleshoot deployment issues for Dev, QA and Pre-Production (UAT) server’s separately.
* Verifying the logs if build and deployments fail.
* Responsible for Integrating SonarQube with Jenkins and performing Code Quality Analysis using JACOCO plugin in Jenkins.
* Good experience in uploading Build Artifacts and Docker Images to Nexus remote repository.
* Good Knowledge in writing, understanding, and applying Ansible playbooks and creating Ansible Roles for configuration management.
* Experience in setting up Cloud Watch for monitoring server metrics and creating alarms.