**Sree Lakshmi Gunnam Email:** sreegunnam49@gmail.com

**Phone:** +91 9066181666

**Career Objective:**

Over 4+ years of experience in IT industry as Devops Engineer in automating, building, releasing of code and deploying to servers.

**Professional Summary:**

Over 4+ years of experience in IT Industry as a **DevOps Engineer** in application configuration, code compilation, packaging, building, automating, managing and releasing code from one environment to other environment.Later, deploye to servers and fix issues on failures.

Experience in creating the company’s DevOps in a mix environment of Linux (RHEL, Ubuntu) servers along with creating and implementing a cloud strategy based on AWS servers.

Experience in AWS services like **EC2, VPC, S3, EBS, ELB, Auto Scaling, Cloud Formation, Cloud watch, RDS, ECS, and IAM Services.**

Good understanding of the principles and best practices of **SDLC** and **Agile Methodology.**

Excellent proficiency in Build, Release and DevOps Processes & Microservices Architecture

Extensively worked on **Jenkins** for CI/CD and for End to End automation for all build and deployments by using pipeline as a code.

Experience in and demonstrated understanding of source control management concepts such as branching, merging, labelling and integration with CICD (Jenkins) pipeline.

Experience in Creating and managing the branches and repositories in GitHub, creating and reviewing Pull Requests to merge into master branches to avoid conflicts.

Experience in building & deploying applications and troubleshooting the build & deploy failures.

Extensive experience in using Build Automation tools like **Maven.**

Experience in configuring automatic scaling of pods using labels, selectors on cluster nodes, scheduling the pods on specific nodes as per the requirement.

Having good experience in writing the Ansible playbooks as per the requirement.

Good experience on Installing and configuring DevOps tools like Git, Jenkins, Docker, Ansible.

Proficient on AWS cloud such as to manage and configure EC2, S3, EBS, AMI, ELB, VPC.

Managing & distributing the workload among the team members. Actively interacting with teammates and helping them out in any issues.

Documented daily meetings, build reports, release notes and many other day-to-day documentation and status reports.

Self-motivated and have good analytical, problem solving, excellent communication as well as interpersonal skills both oral and written and have the ability to work either independently with little or no supervision or as a member of team.

Quick learner with strong communication and people skills who can work in a team or independently.

**Skills:**

* Operating Systems : Linux, Windows
* Application Servers : Tomcat, JBOSS
* Web Servers : Websphere, Apache, Ngnix
* Version Tools : GIT, GIT HUB, GIT Lab
* Ticketing Tools : JIRA, Service Now
* Build Tools : Maven
* Monitoring Tool : Splunk, Cloudwatch
* Scripts : Shell,Groovy
* Cloud : AWS
* DevOps Tools : Jenkins, Ansible, Docker, SonarQube, Veracode,

Jfrog Artifactory

**WORK EXPERIENCE:**

Working as a Devops Engineer for client IBM from May 2017 to Till Date.

**Client#1**

**Project** Cisco

**Period** June 2019 – Till date

**Role**  Devops Engineer

**Roles and Responsibilities:**

Creating and building Docker images, containers and writing docker file to create custom images and issue troubleshooting and Implemented Microservices using Docker.

Good experience in creating and configuring new Build jobs, Plug-ins Management, distributed builds using Master/Slaves and other administration tasks in Jenkins.

Experienced in working on Agile operations process and tools area (Code review, Environment, Service, Incident and Change Management).

Resolving issues and continuous improvement of Dockerized environment both on dev, QA, pre-production and Production Environment.

Implemented Master–Slave concept in Jenkins to achieve Load Balancing.

Debug and resolve issues related to Jenkins job failures, job permissions and involved in Jenkins master slave architecture related issues resolution.

Planning and Implementation of VM’s and Databases on Public cloud, MySQL.

Responsible for installation & configuration of Jenkins to support various Java builds and Jenkins plugins to automate continuous builds and publishing Docker images to Docker-Hub repository.

Containerized all related applications- Java and Node.Js applications using Docker.

Executing Deployments, Services and Generating secrets to access some Docker-hub Registry and DataBases.

Handling all phases of Build activities.

Worked on creating docker containers by using docker images.

Worked on Infrastructure automation using Ansible playbooks.

Worked on agile scrum by following grooming, planning and demoing the user story.

Experience working on several Docker components like Docker Engine, Hub, Machine and Docker Registry.

Worked closely with QA Teams, Project Teams and Product Operations teams to identify QA and UAT cycles release schedule to non-prod and prod environments.

Configured SonarQube in Jenkins that measure and analyze quality of source code(JAVA).

Configured Email Notifications in Jenkins after every successful and failed build.

Managing and Monitoring Jenkins (Auditing, Project based Security, Authorization and access management).

Maintained build and deployment procedures and resolved configuration management issues, created Branches for each release for particular environment, making baselines and Merging of branches using GIT.

Used Maven as build tools to generate JAR, WAR and EAR and configured in Jenkins to move files from one environment to another.

Created Ansible playbooks to enable automation of infrastructure deployment.

Designing and implementing CI (Continuous Integration) (CI) system: configuring Jenkins servers, Jenkins nodes, creating required scripts, and creating/configuring VMs (Linux).

Writing build (Maven)and deployment scripts to automate build & deployment of the application.

Identify, troubleshoot and resolve issues related to build and deployment process.

Created the Release notes along with the SCM team and released the Deployment instructions to Application Support.

Monitoring CPU utilization, JVM memory utilization, finding process id with port number and resolving port conflicts using various Linux commands.

**Client#1**

**Project** Global Payments

**Period** May 2017 – June 2019

**Role**  Devops Engineer

**Roles and Responsibilities:**

Creating and building Docker images, containers and writing docker file to create custom images and issue troubleshooting and Implemented Microservices using Docker.

Developing scripts for build,deployment,maintenance and related tasks using Jenkins,Maven,Groovy and Shell.

Creating fully automated CI build and deployment infrastructure and processes for multiple projects.

Installing,configuring and maintaining continuous integration,automation and configuration management tools and also troubleshooting the build issues supporting the users.

Creating the secrets and testing the pipeline jobs using all kind of application services in managed environments.

Designing and implementing CI (Continuous Integration) (CI) system: configuring Jenkins servers, Jenkins nodes, creating required scripts, and creating/configuring VMs (Linux).

Handling all phases of Build activities.

Worked on creating docker containers by using docker images.

Worked on Infrastructure automation using Ansible playbooks.

Worked on agile scrum by following grooming, planning and demoing the user story.

Experience working on several Docker components like Docker Engine, Hub, Machine and Docker Registry.

Experienced with the GCP Cloud platform and its features, which include cloudsql,flexservice,gcs bucket etc.

Setting/Creating up databases in GCP using Database Services, storage using GCS buckets and configuring instance backups to GCS bucket.

Designing and implementing CICD pipelines for a range of projects and environments including Middleware,Database and Frontend.

Good Experience in usage of version controls.

Performed all builds on time per schedule and resolved any build and compile issues within allotted time.

Maintained development infrastructure including Jfrog artifact repository, Jenkins CI server, Rally, Confluence.

Developed an effective build automation, continuous integration and test environment that reduced integration issues and improved code quality.

Worked on Terraform configurations for AWS resources provisioning and have done automations using the TF scripts.

Worked with Jenkins under the CI/CD pipeline providing continuous improvement to agile software development teams.

Played a key role in automating the deployments on GCP using GitHub, Jenkins, Ansible and Groovy.

Extensively worked on Jenkins for continuous integration and for End to End automation for all build and deployments.

Monitoring CPU utilization, JVM memory utilization, finding process id with port number and resolving port conflicts using various Linux commands.

**Education**:

Bachelor of Technology(B.Tech), Shri Vishnu Engineering Collage, Bhimavaram.

**Personal Vitae**:

Mailing address: Plot:43/A, Sri laxmi Nagar Colony,Manikonda,Hyderabad- 500089.

**References:** Available upon request.