

# SUMA SREE GUTTI

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## PROFESSIONAL SUMMARY

- Having 2+ years of relevant IT experience in DevOps.
- Ability to manage SCM processes which include compiling, packaging, deploying and application configurations.
- Experience in Build and Deployments across all the environments.
- Expertise in using build tools like MAVEN, ANT and Gradle for the building of deployable artifacts such as jar from source code.
- Experience in using Git, GitLab, bitbucket and Subversion.
- Experience in using Continuous Integration by using tools like Jenkins.
- Strong command on source controller concepts such as Branches, Merges and Tags.
- Having experience in creation of branches and merging in Github.
- Efficient experience in using **Nexus and Jfrog Repositories** for Maven builds.
- Configure and run microservice application in **Docker** containers.
- Create and manage **Kubernetes** cluster to deploy and manage Docker containers.
- Amazon AWS administrator and solution designer using EC2, VPC, Auto scaling, ELB,S3, Elastic Cache, EKS, RDS, Route53, ElasticBeanStalk.
- Application deployment, management and troubleshooting on open source Technologies. High available solution (clustering) implementation on Web/App/DB layer of application deployment using open source technologies.
- Extensively worked on **Jenkins including pipeline as code** for continuous integration and for End to End automation for all build and deployments.
- Experience in setup and configure **Ansible**. Application installation, configuration management using ansible.
- Requirements gathering from different teams to setup logs and alerts in Splunk.
- Extensive experience in working with various teams such as QA, Deve and other teams to ensure automated test efforts are strongly integrated with the build system.
- Experience in working with Tracking tool JIRA.
- Able to create effective Documentation.
- Possess very good communication and interpersonal skills and Self-motivated, quick learner.

## EXPERIENCE

07/2019 to Current

**DevOps Engineer**

**DXC Technology** — Bangalore, INDIA

- Legalization Process is a web application for legalizing the documents. Legalization is the process of authenticating or certifying a legal document so a foreign country's legal system will recognize it as with full legal effect. This application can be used to tracking a document legalization status and store the expenses.
- **Roles and Responsibilities:**
- Release Engineer for a team that involved different development teams and multiple simultaneous software releases.
- Creating and Replicating the Subversion Repositories on Multiple servers to support the distributed development teams. Administration and implementing the Security on Subversion repositories.
- Written Pre-Commit and Post-Commit hook scripts in Subversion.
- Setting up of Maven repository and Integrating Maven and Subversion for

releases. Used Maven as build tool and developed build file for compiling the code of creating WAR files and EAR files.

- Responsible for automating nightly builds using shell scripting , the build runs nightly, compiles source, generates release files, deploys release files and automatically sends out an email to the development group providing success or error status of the build.
- Modified Maven POMs to automate the build process for the projects and integrated them with third party tool like Nexus.
- Communicate the release activities and timelines with BA, QA, SA, Network Operations Center and application development teams.
- Written Shell Scripts for automating the tasks in Docker for starting and stopping the containers. Created cron jobs to start and stop docker containers at particular intervals of time.
- **Tools and Languages:** GIT, Jenkins, WebLogic, Tomcat, SSH, Mysql, Ant, Maven, Maven Repository, Linux (Ubuntu and Redhat), Windows Server 2016, Docker, Kubernetes, Helm, AWS.

## CORE QUALIFICATIONS

- |                                    |                            |
|------------------------------------|----------------------------|
| • VMWare, Packer, Terraform        | • Tomcat, Apache, Ansible. |
| • Jenkins CI/CD (Jenkinsfile),     | • Nginx                    |
| • Ansible, Docker, Docker Swarm,   | • CI/CD                    |
| Kubernetes                         | • Shell Scripting          |
| • Shell Scripting, Helm, Terraform | • Build & Release          |
| • AWS                              |                            |

## EDUCATION

2019

**Degree:** B.Sc Computers

**Yogi Vemana University** — Kadapa, AP

## ACCOMPLISHMENTS

- Designing/Implementing Infrastructure for product deployments.
- Defining, designing and executing CI/CD process using Ansible, GIT, Jenkins, Docker, kubernetes, AWS, Ansible, Terraform, GitLab.
- Amazon AWS administrator and solution designer using EC2, VPC, Auto scaling, ELB,S3, Elastic Cache, EKS.
- Application deployment, management and troubleshooting on open source Technologies.
- High available solution (clustering) implementation on Web/App/DB layer of application deployment using open source technologies.
- Sound experience and knowledge in Microservices which includes Docker and Kubernetes for orchestrating the Docker containers from lower environments to production using Kubernetes.
- Automated Kubernetes cluster setup with Terraform.
- Experienced in setting up the end-to-end CI/CD for the containers with Jenkins Pipeline as Code and Kubernetes.
- Sound experience in managing Infrastructure as Code using Packer and Terraform for multiple cloud providers like AWS.
- Setting up the Minikube in developers local machines to create their own Production like environments and educating them how to use it.
- Good experience in Ansible in writing playbooks, roles and maintaining a vast inventory for managing all the configurations for all the components involved in the complete application life cycle.

- Managing all the secrets like passwords, keys and SSL certs using Ansible Vault.
- Good experience in provisioning the virtual machines in AWS and GCP using Terraform.
- Good experience in Software Configuration Management, Build/Release Management, Subversion, GIT along with Shell Scripting.
- Interacting with Dev/QA team managers to meet tight deadlines.
- Extensive experience in scripting languages including Shell Scripting, build automation using ANT, MAVEN.
- Hands on experience in configuring and maintaining the Webservers like Apache, nginx and App servers like Apache Tomcat, WebSphere and WebLogic.
- Generated reports using Sonar (Integration with Jenkins) which covers different areas of Code quality like potential bugs, code coverage, coding rules.
- Software Configuration Management Support with Branching and Merging strategies, Version Control Systems, Integration Management, Build/Release Management and Requirement Management.
- Capable of handling multiple tasks and work effectively both in a group and as an individual to meet deadlines.
- Vast experience in providing Trainings within the organization in SCM procedure, SCM process and SCM Tools.