

MALLU SRAVAN KUMAR

Gmail Id: [sravan99kr@gmail.com](mailto:sravan99kr@gmail.com)

Contact No: +91-9966866265

## Objective

I am looking a challenging position in an esteemed organization where my experience, technical and analytical skills are utilized for continuous growth and advancement of the company. I am a person with positive attitude, have sincerity towards my work and ability to perform under pressure.

## Professional Summary

- Having 1 year of working experience in Linux system Administrator. Also having 2 years of experience of Build/Release and DevOps methodologies and setting up and maintaining CI & CD pipelines and delivering releases for multiple Applications running on Linux based distributed Infrastructure.
- Expertise in supporting multiple projects during builds and release process.
- Hands on experience with version control tool **GIT and GITHUB**.
- Good working experience on **Linux** Operating Systems.
- Hands on Experience with Build Tool **Maven** to generate project **Artifacts**.
- Hands on Experience in automating build process using **JENKINS CI** Tool.
- Written Groovy script for pipeline project.
- Good experience in deploying the files in **Tomcat** Server.
- Worked on ticketing tool like **JIRA**.
- Good experience in **Groovy**.
- Integration, deployment and administration of Java Application servers – Tomcat Application Server across Linux platforms.
- Experience in integrating Code Quality Analysis Tools like SonarQube.
- Having good knowledge in Amazon EC2 technologies **EC2, S3, EBS, Auto scaling** and **ELB**.
- Managing **PaaS** platform hosted on **AWS** running with 99.99% uptime using **Auto scaling**.
- Experience in using **Nexus**, Artifactory Repository Managers for Maven builds.
- Integrating **Nexus** with Jenkins to store artifacts.
- Experience in writing **Ansible** playbooks for configuration management.
- Experience in creating Ansible Roles.
- **Docker** installation and image setup.
- Creating custom image from a **Docker File**.
- Expertise in creating **Docker Images** and maintaining it in private Artifactory repository Nexus
- Hands on experience in Container Orchestration by using Docker Swarm, Kubernetes, OpenShift.
- Good experience in writing Docker-Compose yaml files.

## IT Knowledge

Version control system	Git, GitHub
Operating Systems	Linux
Scripting	Shell Scripting (Groovy basic knowledge)
Build Tools	Maven
Application Server	Apache Tomcat
Artifact repository Manager	Nexus
Quality code Management Tool	SonarQube
Configuration Management Tool	Ansible
Continuous Integration Tools	Jenkins (CI)
Cloud Environment	AWS
Containerization Tool	Docker
Container Orchestration	Docker Swarm, Kubernetes.

## Work Profile

**Current Organization:** : Tech Mahindra India Pvt Ltd from Aug -2019 to till date  
**Current Designation** : DevOps Engineer  
**Area of Work** : IT Service  
**List of Major Technologies** : Linux, Git, GitHub, Maven, Nexus, SonarQube, Ansible, Docker, Docker Swarm, Kubernetes, AWS.

## Academic Credential

- Bachelor of Electronics and Communication Engineering from **Tirupati** in 2015.

## Projects

### Project: 1

<b>Project Name</b>	GE Oil & Gas
<b>Role</b>	DevOps Engineer
<b>Duration</b>	Aug-2019 to till date
<b>Environment</b>	GIT, Maven, Jenkins, SonarQube, Nexus, Tomcat, Linux, Ansible, Docker, Kubernetes.

**Description:**

The division supplied equipment for the petroleum industry including drilling, subsea and offshore, onshore, LNG, distributed gas, oil pipeline and oil storage, oil refinery and petrochemical. GE Oil & Gas also designed and manufactured surface and subsea drilling and production systems, equipment for floating production platforms, gas compressors, gas turbines, turboexpanders, high pressure reactors, industrial electricity generation. GE Oil & Gas also provided pipeline integrity solutions[buzzword], sensor-based measurement, inspection, and condition monitoring, controls and radiation measurement solutions.

**Roles and Responsibilities:**

- Administration of **GITHUB** includes creating **branches**, **tagging**.
- Maintaining source code in **GITHUB** repository
- Used **Maven** scripts to build the source code
- Automated build scripts using **Maven** and **Shell Scripts**.
- Involved in installing **Jenkins** on a **Linux** Machine. And creating a **Master** and **Slave** configuration to implement multiple parallel builds through a build.
- Installing and configuring the **GIT**, **Maven**, **Sonar**, **Nexus**, **Docker** and **Kubernetes** with Jenkins for CICD.
- Used **AWS** services like **EC2**, **VPC**, **S3**, **EBS** and **ELB** for building infrastructure.
- Experience in writing Ansible playbooks for configuration management.
- Experience in creating Ansible Roles.
- Configured **Jenkins** CI tool for project and setup Nightly Builds Using Build Periodically.
- Automated the code deployment process in each environment (development, QA, Staging, Production).
- Create the Kubernetes cluster by using kubeadm.
- Responsible for writing the Manifest and Service set files.
- Involved in the release process and Deployed applications in Kubernetes Cluster.
- Creating the **Kubernetes** cluster and writing the **manifest** files and Service files.
- Involved in the release process and Deployed applications in Kubernetes Cluster.
- Configured a continuous integration process and interface with the operations team to ensure project Artefacts are deployed automatically to various environments using **Jenkins**.

**DECLARATION**

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Place: Bangalore

(M.Sravan Kumar)