**SREENIVASULU Email:**surepallivasu@gmail.com

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**Professional Summary:**

IT Professional with **2+** Years of Experience in Software Development, Skilled at operating in a wide range of platforms like **DevOps, AWS and Linux**.

* Designing and implementing fully automated server build, management, monitoring and deployment solutions spanning multiple platforms, tools and technologies including **Jenkins, Docker, Ansible, Amazon EC2** and packaging, deployment.
* Expertise in creating and maintaining the infrastructure for different Environments.
* Proficiency with Build management tools such as**Maven, GitHub, Jenkins and Docker**.
* Extensive experience in **Shell Scripting**.
* Configuration Management Maintenance of source code Repository using **GitHub, Branching, Tagging and Merging**.
* Experience in Build Tools and creating packages like **JAR, WAR, and EAR.**
* Experience in configuring, troubleshooting and deploying Enterprise Applications in Application Servers like **Apache Tomcat**.
* Experience in **AWS** to manage and configure **EC2** services and working on **AWS** cloud such as creating **EC2,EBS, S3, IAM, AMI, ELB.**
* Involved with setup of continuous integration and daily builds using **Jenkins with Artifactory Repository** manager.
* Excellent working knowledge on various virtual systems like **Docker**, **Virtual box** technologies.
* Hands-on in writing the **Docker files** for building images.
* Knowledge in writing **Playbooks** in **Ansible**.
* Experience in develop, enhance and maintain the build, deployment and configurations for continuous integration.
* Working with developers to resolve build issues, as well as identifying and implementing improvements to processes.

**Professional Experience:**

Working as a **Software Engineer** for **Bahwan Cybertek Private Limited, Chennai** from April2019 to till date.

**Academical:**B-Tech from PBR VITS Kavali.

**Technical Expertise:**

**Version Control Tools :** Git, Github

**Continuous Integration Tool :** Jenkins

**Container Services Tool :** Docker

**Build Tools :**  Maven

**Configuration Management Tool** **:** Ansible

**Application Server :** Apache Tomcat

**Container management tool :** Kubernetes

**Continuous Code Inspection :** SonarQube

**Artifactory Repositories :** Nexus

**Scripting Languages**  **:** Shell scripting

**Cloud Services** **:** AWS (EC2, S3, AMI, ELB, EBS, IAM)

**Project Details:**

**Project# 1:**

**Client :**Louisiana Pacific (LP)

**Environment :** GitHub, Maven, Tomcat, Jenkins, Docker, AWS.

**Duration :** April 2019 to till date

**Role :** DevOps Engineer

**Description:**Louisiana-Pacific Corporation, commonly known as "LP", is a United States building materials manufacturer. It was founded in 1973 and is currently based in [Nashville](http://en.wikipedia.org/wiki/Nashville,_Tennessee), [Tennessee](http://en.wikipedia.org/wiki/Tennessee). LP pioneered the U.S. production of [oriented strand board](http://en.wikipedia.org/wiki/Oriented_strand_board)  panels.Today, LP is the world’s largest producer of [OSB](http://en.wikipedia.org/wiki/Oriented_strand_board), and manufactures [engineered wood](http://en.wikipedia.org/wiki/Engineered_wood) building products. LP products are sold to builders and homeowners through building materials distributors and dealers and retail home centers.

**Roles and Responsibilities:**

* Creating the **automated build** and deployment process for application.
* Developed automation framework for Application Deployments to the cloud environments
* Managed and optimize the Continuous Delivery tool like **Jenkins**.
* Used **Maven** as build tool on Java projects for the development of build artifacts on the source code.
* Automated the build and release management process using **Jenkins** including monitoring changes between releases.
* Administered version control system(**GitHub**) that included **branching** and **merging.**
* Involved in Installing **Jenkins** on a Linux machine and created a **master and slave** configuration to implement multiple parallel builds through a build farm.
* Used **Jenkins** for **Continuous Integration** and deployment into **Tomcat** Application Server.
* Experience in integrating Unit Tests and Code Quality Analysis Tools like **SonarQube**.
* Containerizing applications with **Docker**. Responsible for managing the Docker private registry.
* Created **Docker files** and build images and push to the Docker private registry.
* Set up the local development environments through **Docker** containers for new developers
* Supported development sprints by automating instance provisioning using cloud formation and code deployments using **Jenkins**, and **GitHub**.
* Created **Jenkins** files by using **Shell scripting**.
* Developed **shell scripts** for automation of the build and release process.
* Configured NewRelic monitor tool performance on all nodes.
* Managed **Amazon Web Services** like **EC2, S3 bucket, ELB, AMI, IAM, EBS** through AWS Console.
* Set up and maintained Development, QA, Pre-Production, and Production environments.