# PADAVALA JAYA SURYA (1) Featured

DevOps Engineer seeking roles in Software Engineering, Software Configuration Management, Application Support, Project Management, Change Management, Linux Administration, Performance Tuning, Requirement Gathering, Jenkins, Python, Docker, MySQL, Maven, JIRA, Git



Current Designation: Devops Engineer Total Experience: 2 Year(s) 6 Month(s)

Current Company: OpsRamp India Pvt LTD Notice Period: 2 Months

Current Location: Hyderabad / Secunderabad Highest Degree: B.Tech/B.E. [Computers]

Pref. Location: Bengaluru / Bangalore, Chennai, Hyderabad Functional Area: IT Software - Application Programming /

Maintenance

Role: Software Developer

Industry: IT-Software/Software Services

Marital Status: Single/unmarried

Key Skills: DevOps Engineer, Software Developer, Software Engineering, Software Configuration Management, Application

Support, Project Management, Change Management, Linux Administration, Performance Tuning, Requirement

Gathering, Jenkins, Python, Docker, MySQL, Maven, JIRA

Verified: Phone Number | Email - id

Last Active: 18-Jan-21 Last Modified: 18-Jan-21

### **Summary**

Experience in Linux Administration Installation, Configuration, Tuning and Upgrades of linux. In-depth understanding of the principles and best practices of software configure management (SCM) processes, which includes compiling, packaging, deploying and application configurations.

Extensively worked with version control systems (SVN, GIT).

Extensively worked with automation tools like jenkins and build forge to implement the end-to-end automation.

Server Provisions , Automation ( salt-stack , python ) maintenance and performance tuning. Hands on experience in installing and Administering CI tools like Hudson, jenkins, Team city and Bamboo.

Performed Integration of code quality analysis techniques like find bugs, cobertura with CI tools. Managed Docker orchestration and Docker containers using kubernetes.

Used Kubernetes to orchestrate the deployment, scaling and management of Docker Containers.

Good knowledge in Shell, python & Expert Scripting.

## **Work Experience**

## OpsRamp India Pvt LTD as Devops Engineer

May 2018 to Till Date

Containerization :

Installation and setting up the kubernetes cluster on cloud and on-premise manually from scratch with single master and multiple master nodes And automated these tasks using python and saltstack.

Setting up etcd HA cluster for kubernetes.

Provisioned the CA and Generating TLS certificates k8s cluster and etcd cluster using cfssl Configured the CNI plugins like calico, cilium, flannel, weave to docker containers and connected CNI plugins.

Responsible for the CI/CD docker activities for microservices.

Implemented k8s deployments , statefulsets , network policies etc .

Used metric server and metallb for enabling auto scaling and ingress in on-premises k8s cluster.

Enabled kubernetes Monitoring using opsramp-agent, prometheus and grafana.

Enabled kubernetes logging mechanism using EFK (Elastic search, Fluentd, kibana).

Salt-Stack / Terraform:

Responsible for creating the saltstack recipes to provision and manage the OpsRamp environments.

Responsible for release to release changes in salt recipe like application configuration changes.

Responsible for release specific activities like checking any configuration comparison existing between defined recipe and running production servers.

Written terraform scripts to provision vm's in cloud.

Experience in setting up the build and deployment using terraform scripts and jenkins.

OpsRamp Environment:

Responsible for managing Dev, QA Environment.

Setup, manage and troubleshoot the applications like Tomcat, HAProxy, Mysql,

Cassandra, NFS, Kafka, Elasticsearch.

Provisioning VM on KVMs for infra environments.

Responsible for managing OpsRamp Infra Servers like Gitlab, Jenkins, Sonar, Jira,

Confluence, LDAP, Vagrant(KVM, ESXI).

Troubleshooting Linux environments.

Develops python scripts based on the requirented and to overcome the environment challenges.

Source control system and CI/CD in OpsRamp:

Setting up Gitlab, Jenkins, SonarQube in a lab instance.

Responsible for release specific branching models.

Responsible for creating Jenkins Job based on the requirement.

Created Different types of jenkins Jobs like free-style and pipeline jobs.

Used a wide variety of Jenkins plug-ins and APIs to generate reports.

Responsible for managing nightly, weekly pipeline jobs for deploying and automation testing on DEV and QA environments.

SonarQube analysis for each build.

#### **Education**

UG: B.Tech/B.E. (Computers) from Rajiv Gandhi University of Knowledge and Technologies in 2018

#### **IT Skills**

Skill Name	Version Last Used Experience
Linux , Windows, Maven , Ant	
Jenkins, Tomcat , NGINX, Docker	
GIT, Github, GitLab, Bitbucket	
Shell Script, Python, SonarQube	
Selenium Grid, Zalenium, JIRA,	

### Languages Known

Language	Proficiency	Read	Write	Speak
English				
Telugu				

#### **Affirmative Action**

#### **Work Authorization**

Physically Challenged: No

Job Type: Permanent / Temporary

Employment Status: Full Time, Part Time