

# Shiva Prasad S

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## DevOps Engineer

### EXPERIENCE

- ❖ 2.7 years of overall IT experience as a **Senior DevOps Engineer** with extensive hands-on experience in **CICD, Continuous Delivery, Configuration Management, Infrastructure as a Code, Release Engineering on AWS Cloud Infrastructure**
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## Professional Summary

- ❖ Strong experience in implementing **CICD Pipelines** for **Automating Development, Testing and Deployment** process using **Jenkins, Jenkins Scripted Pipeline**
- ❖ Hands on experience in setting up **Automated Deployments** using **Kubernetes, Docker-Swarm** for **Dev, QA, UAT & Stage Environments**
- ❖ Good working knowledge on handling Centralized **Log Management** using **Elasticsearch, FluentD, Kibana**
- ❖ Working experience in setting up **Automated Configuration Management** using **Ansible, Ansible-Tower**
- ❖ Hands on knowledge in **Infrastructure management** using **Terraform**.
- ❖ Experience in setting up Monitoring & Alerting process using **Prometheus, Grafana** to monitor **Build Machines, CICD Applications, Containers and Kubernetes Cluster**
- ❖ Good experience in Containerizing Applications using **Docker**, developing various **images** using **Dockerfile**
- ❖ Good working knowledge on AWS services like **EC2, S3, EBS, EFS, VPC, CloudFront, RDS, ElastiCache** and **Monitoring**.
- ❖ Proficient in setting up **Code Analysis, Quality Gates** using **SonarQube**.
- ❖ Experience in **Shell scripting** & basic knowledge on **Python**
- ❖ Strong working knowledge on Agile methodology for **Continuous Development**
- ❖ Good knowledge on handling Distributed Version controlling system using **Git, Gitlab, GitHub**
- ❖ Experienced in **JIRA** as defect tracking system and **JIRA bug/issue track**.
- ❖ Experience supporting parallel **Release activities**
- ❖ Ability to work as an individual contributor & as a team member to set priorities, plan/organize, and carry out assigned tasks to closure
- ❖ **Analyze and troubleshoot build/deployment issues** in a timely manner
- ❖ **Installing and troubleshooting** products running on **LINUX/ UNIX environment**

## Work Experience

### Devops Engineer (Wistron Pvt Ltd, Bangalore | June 2021 to present)

- ❖ Performed all day-to-day GIT support for **Continuous Development**. In addition to this I am Responsible for maintaining **Central repositories** like setup **projects, giving permissions, creating Branches** and protecting them as per the need and helping with the merge requests in GitLab.
- ❖ Created CI/CD pipelines using various tools like **Jenkins, Maven** for **building Artifacts, JACOCO Plugins** for **Code Coverage, Sonar Scanner for Code Analysis, & SonarQube** for running **Quality Gates**.
- ❖ **JFrog Artifactory** and **Docker** for building the Product Image and pushed to **Docker Registry**.
- ❖ Performed Maintenance of **Jenkins** by taking **Backups, purging unwanted Old Builds** and Jobs and Uninstalling unnecessary Plugins to improve **Jenkins Performance**.
- ❖ Experience on Amazon Cloud Computing web services like **Elastic Compute cloud (EC2), Simple Storage Service (S3), and Virtual Private Cloud**.
- ❖ Developing various **Kubernetes Objects** like **Pods, Replica Sets, Deployment, Daemon Set, Stateful Set, Services, Persistent Volumes, Secrets, ConfigMaps**.
- ❖ Created **EBS volumes** in AWS for achieving **Persistent Volumes** to store the application files which are running in **Kubernetes Cluster** for different Environments like **Development, QA, Performance, Staging** and **Production**.
- ❖ Created and configured **Elastic Load Balancers** and **Auto Scaling groups** to distribute the traffic and to have a **cost efficient, fault tolerant** and **highly available environment**.
- ❖ Initiating Amazon EC2 Cloud Instances using Amazon Web Services (Linux/ Ubuntu) and managing and configuring launched instances with respect to specific applications.
- ❖ Configured **Inbound/Outbound** in **AWS's Security Groups** according to the requirements.
- ❖ Management tool, **build trigger, build system** and **post build actions, scheduled automatic builds**
- ❖ Notifying the build reports to the respective teams etc. using **Jenkins**.
- ❖ Configured **Master-Slave setup** whenever needed. Configured Jenkins to implement **nightly builds**
- ❖ 24/7 on-call availability and mobility.

## **DevOps Engineer (SKYNET IT SOLUTIONS | July 2019 to Jun 2021)**

- ❖ Integrated **Git, Jenkins** and **maven** in accomplishing **Continuous Integration** and **configured Jenkins** with **poll SCM build trigger**.
- ❖ Automate the **build process** using **Continuous Integration tools**.
- ❖ Work with various development teams to **build & support automated builds**, supporting daily **Continuous Integration**.
- ❖ Configured **Jenkins with maven build** tool in generating war/jar/ear files and archived them.
- ❖ Responsible for **maintaining backup** and **versioning of war/jar/ear** file using **JFrog artifactory**.
- ❖ Maintaining **backup of Jenkins builds in AWS S3**
- ❖ Monitoring & responding to problems reported on dashboard and email including generic build failures.
- ❖ Experience in deployment of various applications on **Jboss**.
- ❖ Responsible for **version control management, branching, merging & user group permissions**
- ❖ Performing Unit, Module, Integration, Regression, Smoke Testing and Detecting the bugs, classifying them based on the Priority, severity and reporting.
- ❖ Preparing test scripts and performing Regression Testing.
- ❖ 24/7 Complete Support in D&L Module at 4 Locations, User's Training in Inventory, Sales, Procurement.
- ❖ Supporting and monitoring builds Build servers, QA servers

### **EDUCATIONAL QUALIFICATION**

Bachelors of Technology in Computer Science (B. Tech) - (KALINGA University) -2019

### **Declaration**

I **Shiva Prasad** do hereby declare that the particulars of information and facts stated herein above are true, correct and complete to the best of my knowledge and belief.