

Chandra Sekhar
DevOps Engineer

Email: chandrasekharaalvaru96@gmail.com
Mobile: 8008544224

Professional Summary

- Having 2+ years of experience in IT sector in build engineering and release management Process, building and deploying applications by adopting **DevOps** practices such as **Continuous development, Continuous Integration (CI) and Continuous Deployment (CD)** in runtime with various tools like **Git, Maven, Jenkins, Docker, Kubernetes** and managing cloud services with **AWS**.
- Extensively worked with Version Control Systems **GIT** Branching, Merging and user group permissions and implemented Branching Strategies (In **GIT**).
- Experience in implementing **Continuous Integration** and deployment using various **CI** Tools like **Jenkins**.
- Good understanding and experience in building **CI/CD** pipelines using automation tools like **Jenkins**.
- Integrate **Nexus Artifactory** to Jenkins and push the artifacts in art factory.
- Experience in integrating **SonarQube** with POM.xml for code Quality Analysis and generating the code quality reports.
- Experienced in deploying **EAR, JAR, and WAR** in **Tomcat** Application Servers in Linux/Windows Environments.
- Good Experience on Containerized platforms like **Docker**.
- Familiar with writing **Docker Files**, building **Docker Images** and running the **Docker Containers**.
- Managing the creation, deployment and monitoring for **Docker Containers** using Orchestration frameworks like **Kubernetes**.
- Good Experience on the **Kubernetes** cluster and writing the **manifest** files and service files.
- Launching and configuring of Amazon **EC2(AWS)** cloud servers using **AMI's (Linux/Centos)** and configuring the servers for specified applications
- Worked on Multiple AWS instances, set the security groups, **Elastic Load Balancer** and AMIs, **Auto scaling** to design cost effective, fault tolerant and highly available systems.
- Experience on software development life cycle (SDLC) with software development models like **Agile, Scrum Model, JIRA**.
- Experience in end-to-end building and deploying the application in **Dev** environment to **Production**.
- Expertise in Deploying, Maintaining, Managing and Troubleshooting of multiple applications running on Linux and Windows based distributed Infrastructure.

Professional Experience

- Working as a DevOps Engineer at Microland Limited, Bangalore from Feb 2020 to till date.

Educational Qualification

- Master's Degree (MCA) from Sri Venkateswara University in 2019.

Technical Skills

| | |
|--|-----------------------------|
| Operating Systems | Linux |
| Version Control & SCM Tools | GIT, GIT Hub |
| Scripting Languages | Groovy Scripting |
| Application/Web Servers | Tomcat |
| Build Tools | Maven |
| Artifactory Repository | Nexus |
| Code Quality | SonarQube |
| Continuous Integration | Jenkins |
| Containerization | Docker |
| Container Orchestration | Kubernetes |
| Cloud | AWS, EBS, S3, EC2, ELB, VPC |

Project:1

- **Project** : FedEx
- **Client** : FedEx
- **Role** : DevOps Engineer
- **Environment** : Git, Maven, Jenkins, Sonar, Nexus, Docker, K8S, AWS

Roles & Responsibilities

- Devops workflow representing all stages starting from SCM commit Build, Integration Build which compile code, Junit test cases and code coverage, Build and bundle and deployment in artifacts.
- Launching AmazonEC2 cloud instances using Amazon Web Services (Linux//RHEL) and configuring launched instances with respect to specific applications.
- Installed application on AWS EC2 instance and configured the storage on S3 buckets.
- Worked on AWS services such as setting up new server (EC2) instance/services in Aws, configuring security groups, and setting up Elastic IP's, auto-scaling configuration.
- Designed AWS cloud formation templates to create custom size VPC, Subnets, NAT to ensure successful deployment for web applications and database templates.
- Automating the build process for creating war artifacts using Maven.
- Responsible for implementation of scheduled builds using Jenkins includes installation of Jenkins, configuration of jobs for automated build and deployments.
- Involved in installing Jenkins on a Linux Machine and creating a Master and Slave Configuration to implement multiple parallel builds through a build.
- Configured the Nexus artifactory repository with Jenkins.
- Established coding standards and enforced them through automated tools (SonarQube).
- Migrating the Jenkins into Docker container to reduce the sever down time and improve the scalability.
- Worked with Docker containers which are lightweight and fast for reducing the cycle time of development, testing, and deployment.
- Creating the docker images and tagged them push that images in to docker Repository.
- Download/Installed Docker images from Docker hub using Docker pull Down Professional summary for Docker.
- Responsible for writing the Manifest and Service like Replication Controller and Replication set.
- Involved in the release process and Deployed applications in Kubernetes Cluster.
- Used Jira to track issues and change management