CHANDRA SEKHAR

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Seeking a motivating and challenging position as a **DevOps Engineer** in a growing environment.

PROFILE SUMMARY

- Having 1+ 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/CD** 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 Balance**r 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.

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, Auto Scaling, VPC

Master's Degree (MCA) from Sri Venkateswara University in the year of 2019

PROFESSIONAL EXPERIENCE

DevOps Engineer at Microland Limited, Bangalore (Feb 2021 - Present)

Project Details:

Project:

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

Roles and 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.

SCM/Build and Release

- Strong working knowledge on GIT, GITHUB.
- Strong working Knowledge in creating Jenkins's freestyle jobs.
- Good experience in automating deployment pipelines.
- Trouble shoot issues along the CI/CD pipelines.
- Experience in creating Test Automation scripts pertaining to Agile-based Continuous Integration.
- Administrated activities in GIT (Creating Repositories, branches, merging).
- Worked on maven to create war, jar, ear, etc., Deploy to test environments using POM.xml file.