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DevOps Engineer

Career Objectives:

To succeed in an environment of growth and excellence and earn a job which provides me job satisfaction and self-development and help me achieve personals as well as organizational goals.

Profile:

A DevOps professional with **2.7 years** of IT Industry experience with **DevOps** Engineering, Configuration Management, Build and Release Management. In-depth understanding of the principles and best practices of Software Configuration Management (SCM).

Professional Summary:

- ✓ Experience in branching, merging, tagging and maintaining the version across the environment using **SCM** tools like **Git**.
- ✓ Expertise in **DevOps**, Release Engineering, Configuration Management, Cloud Infrastructure Automation tools like **Git, Maven, Jenkins, Docker, Kubernetes, Ansible.**
- ✓ Experience in working within the Cloud platforms like **AWS** for integration processes. Good Experience on provisioning different environments using **Ansible** Configuration management
- ✓ Extensive experience in setting up the **CI/CD** pipelines using **Jenkins, Maven and AWS.**
- ✓ Good Experience on **Jenkins** for configuring and maintaining continuous integration (CI) and for End-to-End automation for all build and deployments.
- ✓ Good understanding and implementation experience of **CI/CD** pipeline, automation programmatically by creating Jenkins jobs and pipelines and solving various problems with **Maven** as plugins.
- ✓ Experience in **Maven** builds with help artifacts.
- ✓ Experience on working with **Docker containers** infrastructure and Continuous Integration for building & deploying **Docker containers**.
- ✓ Good understanding of Linux platform in managing **Docker containers** and **Kubernetes Clusters**.
- ✓ Experience in trouble shooting, Configuring and Deploying Enterprise Applications in application servers such as **Tomcat**.
- ✓ Experience with **Linux** environment with shell scripting for **Build & Release** automation
- ✓ Actively involved in all stages of Software development lifecycle methodologies and validations using Waterfall and Agile software development model.
- ✓ Excellent communicative, interpersonal, intuitive, analysis and leader ship skills with ability to work efficiently in both independent and teamwork environments.

Key Competencies:

Source Code Management Tools	Git
Build Tools	Maven
Continuous Integration Tools	Jenkins
Configuration Management Tools	Ansible,
Web Servers	Apache Tomcat
Cloud	AWS
Programming Language	Shell Scripting
Containerization	Docker
Operating Systems	Red Hat LINUX, Ubuntu.

Organizational Experience:

DevOps Engineer
Tata Consultancy Services (TCS), Hyderabad

Project:

Title: Best buy

Project Description: Best Buy Co., Inc. is an American multinational consumer electronics retailer headquartered in Richfield, Minnesota. Originally founded by Richard M. Schulze and James Wheeler in 1966[2] as an audio specialty store called Sound of Music, it was rebranded under its current name with an emphasis on consumer electronics in 1983.

Roles and Technologies Involved:

- ✓ Actively involved in architecture of **DevOps platform** and cloud solutions.
- ✓ Responsible for User Management, Plugin Management and END-END automation of Build and Deploy using **Jenkins**.
- ✓ Created **Jenkins multi pipeline** jobs using **Declarative** Pipeline provides Build as a code option to perform end to end process of source code, building and deployment in different environments.
- ✓ Used **Ansible** to manage Web applications, Environment configuration Files, Users, Mount points and packages.
- ✓ Integrated GIT repository with Jenkins and added webhooks and build triggers to automate build and deployment of applications on application server.
- ✓ Integrated **Docker container** orchestration framework using Kubernetes by creating pods, config Maps and deployments.
- ✓ Wrote a Pipeline Script in Jenkins to create and deploy the Docker Image to the ECR Repository.
- ✓ Used **Kubernetes** to load balance, scale and manage **Docker containers**.
- ✓ Automated **CI/CD** process using Jenkins, build-pipeline-plugin, **Maven and GIT**.
- ✓ Maintained GIT Repositories, Handled Releases and Branching activities for GIT.
- ✓ Documented important activities and issues during build/deployment for future references.
- ✓ Documented all build and release process related items and support for all the builds and deploy issues encounter during the build process.

Environment: AWS, GIT, Jenkins, Maven, Docker, Kubernetes, Ansible, LINUX.

Educational Summary :

❖ **BTECH (**CSE**)** from **Vaagdev**i **Engineering College (JNTUH) - 2019.**

(Palakurthi Anil)