

## **Professional Summary**

- 5+ years of experience as a DevOps Engineer, Build & Release Engineer. Work extensively in application configurations, code compilation, packaging, building, automating, managing and releasing code from one environment to another environment and deploying to servers.
- In-depth understanding of the principles and best practices of Software Configuration Management (SCM) in Agile methodologies.
- Wrote Ansible playbooks to launch and automate different application deployments.
- Configuring the Docker containers and creating Docker files, Docker compose files for different environments and Integrated and version controlled them.
- Having knowledge on the Kubernetes cluster orchestration.
- Wrote different Ansible playbooks for installing, configuration, and upgrading different Applications on the Servers.
- Perform build and deployment activities for various releases for all the regions like Development, QA, and Production.
- Experience with **Source Code Management tools - GIT**, and managing **Continuous Integration tools -Jenkins**.
- Supporting engineering plans and schedules by providing **CM/Release Engineering** services to build, deploy, develop scripts, oversee branch and merge strategies, and build automated tools as necessary to offer services to the engineering team.
- Experienced in **MAVEN** as Build Tool for building deployable artifacts from source code. Installation and deployment management repository generated by Maven artifacts.
- Installation and configuration of GIT, merging code from develop branch to main branch and making it ready for deployment.
- Working experience on Cloud Provisioning tools such as **Terraform**.
- Deployed the artifacts in **Nexus** central repository for internal deployments and Managed **Nexus** repository for the current project created a new repository and provisioned it. Have hands on experience with **GitHub** server.
- Creation and administration of **AWS** resources and different services (Launching Instances and Amazon machine images, creating elastic load balancers, Creating security groups for instances).

## **Education:**

- Bachelor of Business Administration from Jiwaji University, (M.P) in 2017.

## **Technical Skills:**

Cloud Platform	Amazon Web Services (AWS)
CD Automation Tools	Ansible.
Scripting Languages	Shell scripting
CI tools	Jenkins
Build Tools	Maven
Project Tracking/Bug Tracking Tools	JIRA
Operating Systems	Windows & Linux Distributions
Version control tools	Git
Virtualization/Container	Docker and Kubernetes
Code quality Tools	SonarQube
Infrastructure as Code	Terraform

## **Professional Experience:**

**Organization:** CasCade IT Solution Private Limited

**July 2017 - till date**

**Role:** Senior DevOps Engineer

## **Responsibilities:**

- Experienced with build/automation tools such as Jenkins and Maven. Worked closely with other CM teams.
- Responsible for designing, implementing and supporting cloud-based infrastructure and its solutions.
- Involved in Release management like planning, scheduling, and deploying Releases.
- Worked on deploying infrastructure in AWS using Terraform.
- Used security groups, NACLs, internet gateways and route tables to ensure a secure zone for organization in AWS public cloud.
- Implemented Shell scripts for release and build automation. Manipulated and automated scripts to suit the requirements.
- Responsible for automated Scheduled Builds/Emergency Builds and Release using maven scripts for Enterprise application.
- Created and Maintained GitHub Branching, Merging and tagging across each production release.
- Assist developers in integrating their code with the main branch, and to have a cost efficient, fault tolerant and highly available environment.
- Created S3 buckets in the AWS environment to store files which are required to serve static content for a web application.
- Worked on creating the build jobs for building the Docker images for the micro services of the product.
- Worked on configuring QA automation in Jenkins for testing the products after the deployment.
- Implemented a Continuous Delivery framework using Jenkins and Maven in the Linux environment.
- Interacted with client teams to understand client deployment requests.
- Worked on Continuous build (CI) and Continuous deployment using Jenkins Pipeline scripting to deploy the code to all the environments.
- Integrate Git repository's Webhooks with Jenkins to trigger Continuous Integration.
- Managing multiple users and their permissions with Identity and Access Management.
- Managing storage through various storage options like Storage services (S3), Elastic Load Balancer (EBS).
- Deployed and configured Git repositories with branching, forks, tagging, and notifications. Experienced and proficient deploying and administering GitHub.
- Designing and implementing for fully automated server build management, monitoring and deployment By Using DevOps Technologies like Ansible.
- Integration of Configuration Management Systems like Ansible for code deployment.
- Managed the configurations of multiple servers using Ansible.
- Wrote different Ansible playbooks for installing, configuration, and upgrading different Applications on the Servers
- Implemented a CI/CD framework using Jenkins, Maven & Artifactory in Linux environment and Integration of Maven/Nexus, Jenkins, Git and JIRA.
- Experience in working with docker, running/managing containers, container snapshots and managing images.
- Integrated Jenkins with repositories like Github to build Automation tool (Maven) and artifact repository for pushing successful build code.
- Enabled Continuous Delivery through Deployment into several environments of Development, Test and Production using Maven and Sonarqube.
- Provided end-user support, performed baseline build, merges, software release management, and other SCM activities.

**Environments:** Maven, Jenkins, Ansible, Shell Scripting, JIRA, Apache tomcat, Docker, Containers, kubernetes, SonarQube, Prometheus, Elk , AWS Cloud.