

Professional Summary:

- 4+ Years of professional experience in IT industry comprising of Linux Administration, Build and Release, DevOps and AWS Cloud Services that includes principles with keeping up Continuous Integration, Continuous Delivery and Continuous Deployment.
- Experienced in Branching, Merging, Tagging, and maintaining the version across the environments using SCM tools like GITHUB, GITLAB on windows and Linux platforms.
- Worked on Jenkins for continuous integration and for End to End automation for all build and deployments.
- Automate the build process using continuous integration tools JENKINS.
- Writing declarative pipeline to automatic the deployment process in Jenkins.
- Working experience on operating systems like Linux, Unix Windows etc.
- Working experience on build and Release management.
- Work with various development teams to build and support automated builds, supporting daily continuous integration.
- Experience in creating Docker Containers leveraging existing Linux Containers and in addition to creating Docker Containers.
- Experience with Ansible playbooks to automate the entire deployment process as well as the infrastructure.
- Working expertise on all aspects of Ansible concepts like Control Node, Managed Nodes, Inventory, Modules, Tasks, Playbooks etc...
- Writing playbooks to automate the package and deployment in different environments.
- Deploying the WAR files into Tomcat / Jboss Application Server in different environments.
- Having work experience with Jira tool.
- Creating new Build jobs, Plugins installation and management, Test case integration, setting up master/slaves using Jenkins
- Writing pipeline scripts in Jenkins to automatic continuous delivery process.
- Working with Bash Scripting.
- Created Docker images using a Docker file, worked on Docker container snapshots, removing images, and managing Docker volumes.
- Provisioning EC2 instances and have Experience on all resource areas of EC2 like Instances, volumes, Elastic IP's, Load Balancers, and auto scaling.
- Experienced in keeping up and looking at log archives using monitoring tools like Cloud Watch, Nagios.
- Worked on Incident Management (SNOW), Problem Management and Change Management.
- Worked on defect tracking tool JIRA.
- Support deployments of code into multiple lower/Higher environments. Supporting current processes needed with an emphasis on automating everything.
- Experience with automation for branch management, code promotions and version management is a plus.
- Understanding user stories tied to the backlog item at hand through SNOW.

Technical Skills:

SCM Tools	GIT, SVN,Bitbucket,github,gitlab
CI/CD Tools	Jenkins
Application Server	Apache, Tomcat
Build Tools	GRADLE, MAVEN
AWS Cloud Environment	EC2, Lambda, S3, VPC, SNS, Cloud Watch, Route53, EBS, Load Balancer, Elastic IP, Security Groups, Auto-Scaling, IAM, Elastic Cache, Cloud Formation, Auto Scaling
Scripting Language	Power shell, YAML and Dockerfile
Bug tracking Tool	JIRA
Code Quality/Artifacts	SonarQube/Jfrog,Nexus
Configuration Management	Ansible
Container Tools	Docker, Kubernetes

Work Experience:

- Working as a DevOps Engineer EASYBI Solution in Chennai Oct 2016 to till date.

PROJECT DETAILS:

Project1: Aug 2020 to till date

Client: Raychem

Environment: Linux, AWS, Gitlab, Jenkins, SonarQube,Jfrog, Docker, Ansible

Role: DevOps Engineer

Roles & Responsibilities:

- Creating CI/CD pipelines by integrating Git lab, Maven, Jenkins, Sonarqube and Ansible.
- Creating repositories, new users for Gitlab, creation of new version-controlled branches, troubleshooting version control tool issues.
- Administrating source code management by using GIT repository
- Automating build process for creating JAR/WAR artifacts using in Jenkins.
- Jboss/Tomcat servers life cycle operations like Start / stop / restarting the servers.
- Responsible for automated Scheduled Builds/Emergency Builds and Release using Jenkins
- Installation, configuration and writing playbooks in Ansible.
- Automatically deploy the applications using Ansible
- Leading the automation of implementation and configuration work through Ansible
- Automate the build process using continuous integration tools JENKINS.
- Worked on installing plug-ins, creating jobs, integrating test cases.
- Installed and configured Master/Slave Jenkins in a server and Client.
- Created Jenkins builds. Configured and used Apache Maven with Jenkins.
- Configured Jenkins to generate Java coding standards reports and change notices.
- Creating new jobs in Jenkins and managing the build related issues. Monitoring daily builds using continuous integration tool Jenkins.
- Good Knowledge on Linux.
- Exposure to writing Linux shell scripting.
- Container management using Docker by writing Dockerfiles and set up the automated build on Docker HUB

- Virtualized the servers using Docker for the test environments and dev-environments needs, also configuration automation using Docker containers.
- Worked on Docker/Kubernetes Containerization of cloudbased applications
- Worked on Docker-Compose and Docker-Machine to create Docker containers for Testing applications in the QA environment.
- Used Kubernetes for automated deployments, scaling and management of containerized applications across clusters of hosts.
- Implemented AWS solutions like EC2, S3, IAM, EBS, Elastic Load Balancer (ELB), Security.
- Group, Auto Scaling, and RDS in Cloud Formation JSON templates.
- Maintained Route 53, VPC, RDB, SES and SNS services in AWS cloud.
- Created snapshots and Amazon machine images (AMI) of the instances for backup and creating clone instance and can create complex Identity and access Management (IAM) policies for delegated administration within AWS.

Project2: Jan 2018 to July 2019

Client: CITCO Next Gen banking System

Description: Servicing application is a web-based application to provide an online interface to Citi customers who have taken a mortgage with Citi Mortgage. The loan and customers information are stored and maintained in a Mainframe system. The servicing application Provides internet-based to customers to view their loan information as well as modify some of their personal information. The purpose of this phase of the project is to provide the ability for the on-us customer to get a customized list of products and pricing returned to base on the data they have given us and the Citylink data we have retrieved. The customer will answer the triage questions and the system will determine that refinance is a viable option prior to seeing product advisor. If they indicate that they are interested in one of the products, we will communicate the next steps to the user need to revamp the online application process and create the effective online mortgage request that leverages the existing customer data.

Environment: Linux, AWS, Gitlab, Jenkins, Sonarqube, Jfrog, Docker, Ansible

Role: DevOps Engineer

Roles & Responsibilities:

- Handling Build and Deployment process for Java based applications
 - Perform deployments to multiple environments like Dev, QA, and UAT environments
 - Configured Jenkins Jobs for generating Project artifacts
 - Maintain Git lab Repositories, Handling Releases and Branching activities.
 - Responsible for taking the source code and compiling using Maven and package it in its distributable format, such as a JAR, WAR
 - Deploying the JAR, WAR files in Tomcat/J boss servers.
 - Troubleshooting application related issues and providing logs to developers for further investigation.
 - Documenting all the Build and deployment related issues
- Developed and implemented Software Release Management strategies for various Imported and managed multiple corporate applications into Gitlab.
- Building and deploying scripts using Maven as build tool in Jenkins to move from one environment to other environments in artifacts repository.
- Installation , configuration and writing playbooks in Ansible .

- Automatically deploy the applications using Ansible.

Project3: Oct 2017 to Dec 2018

ETIS & Odyssey

Client Name: Ford, Europe

Description: Ford ETIS utilizes the very latest Web technology to deliver a complete technical information and services solution which is kept up-to-date continuously and is available in many languages to cater for World markets.

Odyssey is a holistic information management system for TSO. The system has been built specifically for TSO business and is designed to operate in today's multi-supplier global environment.

Role: Build and Release Engineer

Tools: SVN, GIT, Jenkins, ANT

Roles & Responsibilities:

- Being part of the build and release team handled creating SVN Repositories, Handling Releases, Branching and merging activities.
- Version management (Branching", "Labelling", "Merging") implementation and control access to various user and groups using Dimensions.
- Automated the build, deployment and other release processes using UNIX shell scripts, Apache ANT scripts and Jenkins CI tool.
- Utilized skills with batch and shell scripting to deploy applications.
- Deploying the applications on Application servers.
- Configured clusters to provide fail over, load balancing and deployed applications on clusters.
- Performing Manual and Automation Builds using Maven and Jenkins.
- Facilitates operations for software development functions including software version control, build, packaging, deployment, and verification.
- Maintaining daily release and client release tracking through JIRA.
- Running multiple builds at a time by using continuous integration tools.
- Co-ordinating with the Engineering and QA team for creating the build/release plan
- Provided 24/7 on call support for Installation and configuration.