

Ashutosh Lenka

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PROFESSIONAL SUMMARY:

Having a total of 4.3 Years of professional experience in IT industries. Build, release and software configuration management which includes Environment Setup, Build Automation, and Continuous Integration and Continuous Deployment CI/CD, cloud AWS.

- Having Experience as a “**DevOps Engineer**” for a Java Based Web Application.
- Hands on knowledge in provisioning infrastructure on AWS using **Terraform**.
- Hands on experience with SCM tools like Git/GitHub for branching, tagging and version management.
- Good knowledge on **Jenkins**, **CI-CD configuration** and write **groovy code** for **pipeline script**.
- Setup Master/Slave architecture of Jenkins for running Distributed Jenkins builds.
- Experienced in installing and configuring the Docker in Windows and Linux.
- Hands on experience with Docker and its related components.
- Experienced in **Docker compose** for creating the multi container architecture and creating Docker customized images using **Docker file**.
- Good knowledge on container orchestration tools such as **Kubernetes**.
- Performed Load Balancing, Scaling, Performing Rolling Updates and Fail over scenarios using **Kubernetes**.
- Experience in creating **Kubernetes definition files** to deploy components in the Kubernetes cluster.
- Hands on experience in configuration management tools such as **Ansible**.
- Experience in various Linux commands.
- Well versed with **Python scripting** to automate the Devops tools.
- Very Good Working Knowledge in **AWS** services (**S3, EC2, ELB, EBS, Route53, VPC, auto scaling**) and **security services** like (**IAM, CloudWatch**).

CAREER PROFILE:

Date	Organization
10 th October, 2020 to Till Date	TT INFOTECHS Pvt Ltd.

TECHNOLOGICAL EXPERTISE:

Containerization Tool	Docker
Container Orchestration Tools	Kubernetes
Operating System	Linux

Configuration Management Tool	Ansible
Scripting language	Python, Shell
Continuous Integration	Jenkins
Infrastructure as a code	Terraform
Build Tool	Maven
Version Control System	Git
Cloud Provider	AWS, GCP

ACADEMIC QUALIFICATIONS:

Degree and Date	University Name (As per Convocation)	Major and Specialization
Bachelor of Technology (September,2020)	C.V. Raman Global University, Odisha	Mechanical Engineering

PROFESSIONAL EXPERIENCE:

PROJECT 2: Humana

Duration: From Oct 2020 to Dec 2021

Roles and Responsibilities:

- Configured Jenkins with maven build tool to generate the war/ear Files and archived them.
- Integrating Git and Maven with Jenkins to achieve continuous integration and configured Jenkins with Poll SCM build trigger.
- Configured Jenkins Nodes to build jobs in order to distribute the load of Jenkins Master.
- Perform deployments to multiple environments like Dev, QA and UAT environments.
- Installing and configuring Ansible and Involved in writing Ansible playbooks for configuring the servers.
- Creating playbooks in Ansible for configuration and Deployment activities.
- Writing inventory files and Ansible configuration files.
- Creating playbooks in Ansible for configuration and Deployment activities.
- Configured packages, services using Ansible modules like yum, service, templates etc.
- Writing Docker files and Creating Docker Images for successful builds if needed.
- Maintaining AMI's for backup of configured EC2 instances.

PROJECT 2: KreditBee

Duration: From Mar 2022 to August 2023

Roles and Responsibilities:

- Created automated post jobs and automated testing process.

- Creating CI/CD pipelines by integrating Jenkins with Git, Maven and Tomcat.
- Setup docker private registry to store customised docker images
- Built up CI/CD pipeline using Git, Ant, Maven and Jenkins for JAVA applications.
- Perform source code analysis using SonarQube and code coverage using covertures.
- Created Jenkins jobs for CI & CD process.
- Automate the build and Deployment Process Using Maven, Git and Jenkins.
- Branching, Tagging, Release Activities on Version Control Tool GIT.
- Created nodes in Jenkins for load balancing and created user and permission in Jenkins.
- Creating new jobs in Jenkins and Coordinating with the Development team to fix the Build related issues and Installing Plug-in in Jenkins as per project requirements.
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- Coordinate/assist developers with establishing and applying appropriate branching, merging conventions using GIT source control.
- Responsible for design and implementation of policies, branching methodologies.
- Configured and maintained Jenkins to implement the CI process and integrated the tool with Ant and Maven to schedule the builds and automated the deployment on the application servers using the “code deploy” plugin for Jenkins.
- Installing, configuring and maintaining different tool using Configuration Management tools like Ansible.
- Managing the docker containers through kubernetes by creating pods.

PROJECT 3: Sears E-commerce

Duration: From Sept 2023 to present date

Roles and Responsibilities:

- Deployed and Monitored Scalable Infrastructure on Amazon Web Services specifically on AWS EC2.
- Host S3 static files by server less architecture LAMBDA.
- Maintaining a farm of EC2 instances, S3, ELB's, Cloud Watch and SNS.
- Manage Configuration of Web App and Deploy to AWS Cloud Server through Ansible.
- Working and supporting different Environments with help of Ansible to Deploy.
- Applications in different Target Environments.
- Built and managed a large Deployment of Red-hat Linux Instances systems with Ansible Automation.
- Creating user accounts for the Dev and QA team using AWS IAM.
- Created Docker Images using Docker file to support Containerization of applications.
- Responsible for Creating the Jenkins Pipelines for Automation job creation.
- Integrated Jenkins through GitHub Authentication.
- Resolving build issues like adding the build profiles on Maven Configuration file.
- Enabling the Git Tagging through Pipeline for every Released Component.
- Resolving the Build issues and Deployment issues