

KOLLI PEERA SAI UDAY BHASKAR
DevOps Engineer

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Professional Summary:

- Over 2.9 Years of progressive, professional experience in DevOps, Cloud(AWS) and Software Configuration Management which includes Build setup, Continuous Integration, Source Code Management process setup.
- Experience in using source code management tool GIT.
- Involved all stages of build and release management
- Experience in using build tool Maven.
- Hands on experience in Automation of build process (Build Automation) using the Git, Maven and Jenkins.
- Managing artifacts in Artifactory repository and versioning the artifacts with the time stamp.
- Hands on experience in creating environments in cloud provider AWS using Terraform.
- Experience with DevOps configuration management tool like Ansible.
- Good in writing playbooks and uploaded them to Ansible-Server.
- Experience on ansible master and nodes setup with password less authentication.
- Implemented Micro services using Docker.
- Built and customized Docker images as per requirement using dockerfiles.
- Worked on orchestrating Docker containers with kubernetes.
- Experience in Amazon AWS Cloud which includes services like: EC2, S3, EBS, VPC, Subnets, IAM, ELB, cloud watch Auto scaling and Security Groups.
- Involved in creating and managing EC2 Instances, Auto Scaling and Elastic Load Balancers.
- Hands on experience on AWS CLI and Cloud Formation Templates.
- Experience on monitoring tool Nagios.
- Ability to work between multiple projects and priorities while maintaining a high level of responsiveness. This requires the ability to track, manage and execute on a large number of competing activities.

Academic Profile:

- B.Tech from JNTU, ANATAPUR, passed out 2018.

Professional Experience:

- Worked as DevOps Engineer in NESS Technologies, Bangalore for 2.9 years limited from Aug 2018 to TILLDATE.

Technical Summary:

Operating system	Linux
Version Control Tools	GIT and GIT HUB
Continuous Integration Tool	Jenkins
Build Tools	Maven
Configuration Management Tool	Ansible
Containerization	Docker
Container orchestration Tool	Kubernetes
Cloud Services	AWS
Application Servers used	Tomcat
Scripting Languages	Shell script
Infra Provisioning tool	Terraform
Ticketing Tool	Jira
Monitoring Tool	Nagios

Project 2:

Project Title: Volkswagen

Client: Blake Lands, UK

Role: DevOps Engineer

Duration: April 2020 to TILL DATE

Environment: Docker, Git, Jenkins, Kubernetes, Maven, Ansible, Terraform, AWS, Linux.

Project Description:

The Volkswagen is the largest German automaker (UK, Bake lands) and it is head quartered in Wolfsburg, it is the flag ship maker of the Volkswagen group. It is the largest automaker by worldwide sales.

Roles and Responsibilities:

- Involved in creating the company's DevOps strategy in a mix environment of Linux.
- Worked on Branching and Merging, maintaining Branching strategy using GIT.

- Resolved conflicts related to merging of source code.
- Responsible for Continuous Integration (CI) and Continuous Delivery (CD) using Jenkins.
- Responsible for setting up Jenkins, creating jobs for scheduling the maven deployments for application.
- Installing and configuring Jenkins, Installing plug-in.
- Creating a Jenkins master and slave for the implementation of multiple parallel builds.
- Creating Jenkins build jobs based on the requirement.
- Integrated Git, Jenkins, Maven in accomplishing continuous integration with poll SCM, build trigger.
- Worked on Maven tool to do the builds, integrated Maven with Jenkins.
- Configuring the day and night builds for the sprint teams in Jenkins.
- Support the development teams regarding CI/Builds tools, Environments.
- Deploying the generated artifacts using Ansible.
- Responsible for software configuration Management, Installing software and maintaining the build Environment using Ansible.
- Setting up the Ansible Master and Ansible Nodes.
- Designed Playbooks to manage configurations, automate installation process and for various deployments like DEV, QA, UAT and PRE-PROD.
- Involved in delivering container based deployments using Docker.
- Worked on creating Docker Images and managing Docker Registry.
- Built and customized Docker images as per requirement using docker files.
- Responsible on Automating Deployments using Kubernetes.
- Orchestrating Docker containers with kubernetes.
- Involved in creating PODS, services, Replication controller and Deployments.
- Experience in Launching Amazon EC2 Cloud Instances, S3, VPC services.
- Experience on creating environments in cloud provider AWS using Terraform .
- Responsible in creating of Virtual Networks and subnets using AWS VPC.
- Implemented AWS cloud watch to raise alerts for infra failure.
- Automating the manual process if any, by writing the shell scripts.
- Involving in deployment of application using Tomcat.
- Used to monitor servers with the help of Nagios.

Project 1:

Client: Doral Finance services, USA

Role: DevOps Engineer

Duration: Aug 2018 to March 2020

Environment: Git, Maven, Jenkins, Ansible, AWS, Linux.

Project Description:

Doral Financial offers a variety of banking and insurance agency activities in Puerto Rico and the United States, including residential mortgages, commercial lending, institutional securities, retail and online banking. Doral Financial Corporation's main subsidiary, Doral Bank is one of the leading community banks in Puerto Rico.

Roles and Responsibilities:

- Analyze and resolve conflicts related to merging of source code.
- Using GIT to manage source code developed by various platform engineers.
- Taking the code from GIT repository using Jenkins.
- Worked with Maven directory structure to build a project and build the source code by using maven.
- Coordinating with developers, QA, and other teams closely with issues.
- Integrated Jenkins with GIT, Maven
- Configured Maven and Jenkins to deploy the generated artifacts to Artifactory.
- Responsible for creating build jobs in Jenkins and monitoring daily operations in Jenkins.
- Implemented the setup for Master slave architecture to improve the Performance of Jenkins, implemented parallel builds.
- Configured build triggers by using Poll SCM and Build Periodically.
- Enforced Continuous Integration by configuring Git, Maven, Jenkins.
- Deployed the artifacts to multiple nodes by Build with parameters in Jenkins.
- As most of the infrastructure is hosted in AWS cloud I am responsible for creating and managing EC2 Instances.
- Upgrading/Downgrading EC2 instances.
- Creating and managing AMI/Snapshots/Volumes.
- Creating AWS infra like VPC, subnets, Route tables and Internet Gateways.
- Enabling highly available and robust virtual private cloud to ensure the network isolation from public cloud and securing them with security groups and NACL.
- Responsible for writing and management of Ansible Playbooks.
- Integrating Ansible playbooks with Jenkins.
- Deployed builds to different environments like DEV, QA, UAT and PRE-PROD environments by integrating Jenkins and Ansible.
- Interacting with developers to sort out issues related to Build Automation.
- Communicate effectively with the Clients in the weekly status calls and other meetings.

Declaration:

I hereby declare that all the details furnished above are true to the best of my knowledge.

Place:

Date: