**BAIRAPUNENI TEJA**

**9515637393**

**Tejabairapuneni018@gmail.com**

**Professional Summary**

* Over **2.2** years of IT experience **Build and Release/DevOps Engineering** in automating, building, deploying, and releasing of code from one environment to another environment.
* Experienced in working on**Devops**/**Agile** operations process and tools area (Code review, Build & Release automation, Environment, Service,**Inciden**t and **Change Management).**
* Experience in working on source controller tools like Sub version **GIT.**
* Extensively worked on Jenkins, Team City for continuous integration and for End to End automation for all build and deployments.
* Exposed to all aspects of software development lifecycle (SDLC) such as Analysis, Planning, and Developing, Testing, and Implementing Post-production analysis of the projects.
* Experience in Implementing Continuous Delivery pipeline with**Docker**, **Maven**, **Jenkins**and**AWS**.
* Proficient with cloud services likeAmazon Web Services.
* Experience in running web scale services on **Amazon Web Services**.
* Efficient in working closely with teams to ensure high quality and timely delivery of builds and releases.
* Proficient in tracing complex build problems, release issues and environment issues in a multi-component environment.
* Expertise in trouble shooting the problems generated while building, deploying
* Strong knowledge on source controller concepts like Branches, Merges and Tags.
* Proficient in tracing complex build problems, release issues and environment issues in a multi-component environment.
* Worked as AWS engineer, regular task is to maintain servers and health checks regarding monitoring tools and other services such as S3, EC2, Route53, load balancing.
* Servers maintained through Amazon EC2 service including start and stop.
* Created AMI images of critical ec2 instances as backup using AWS CLI and GUI.
* Configured and managing security groups and VPC.
* Configured and managing ELBs and Auto Scaling.
* Configured and managing S3 storage.
* Created RDS database.
* Deployed all WAR and JAR and Static Websites in Apache Tomcat using hot and cold deployment.
* Involved in applying the Up gradation of Apache and Tomcat servers.

**Educational Qualification:**

* Completed BTECH from JNTUK in 2019

**Current organization:**

* Working as a **DEVEOPS** Engineer atGLOBAL DATA from JUNE 2019 to till now.

**Technical Skills:**

* Web Server : **Apache**
* Cloud technology : **AWS (EC2 instance,VPC,S3 Bucket,EBS,AUTOSCALING,IAM,RDS)**
* Operating Systems : **Linux**
* Databases : **Mysql**
* Deployment CI/CM/CD Tools : **Jenkins, Ansible**
* Built Tools : **Maven**
* Monitoring Tools :  **Nagios**
* Source Repository : **GitHub , Git**
* Scripting tools : **Shell Script, YAML**
* Application servers : **Apache Tomcat**
* Infrastructure tool : Basics in **Terraform and Cloudformation.**

**Professional Experience:**

**Project Summary:**

**Project 2:**

**Project: Humana**

**Role: Cloud Engineer** **Duration: September 2020 to Till now**

**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.
* Writing inventory files and Ansible configuration files.
* Creating playbooks in Ansible for configuration and Deployment activities.
* Convert the playbooks in Roles for reusability and Scalability
* Configured packages, services using Ansible modules like yum, service, templates, handlers etc.

✔ As most of the infrastructure is hosted in AWS Cloud and responsible for Creating and managing EC2 Instances.

* Writing Docker files and Creating Docker Images for successful builds if needed.
* Maintaining AMI’s for backup of configured EC2 instances.

**Project 1**

**Project: Sears E-commerce**

**Role: Cloud Engineer** **Duration: Feb 2019-August 2020**

**Responsibilities:**

* Deployed and Monitored Scalable Infrastructure on Amazon Web Services specifically on AWS EC2.
* 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.
* Configured Jenkins Jobs, install plug-ins for generating Project artifacts. Setup the JFrog Artifactory for Deploys the Artifacts.
* Resolving build issues like adding the build profiles on Maven Configuration file.
* Enabling the SonarQube Quality gates for the modules of the project to maintain the Stability of the code quality.
* Configuring and enabling the SonarQube through Jenkins pipeline jobs.

✔ Enabling the Git Tagging through Pipeline for every Released Component .

* Resolving the Build issues and Deployment issues.