

VINAY GANDHE

PERSONAL DETAILS

Hyderabad
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Gender: Male

PROFILE

Highly motivated to secure a DevOps Engineer position within a prominent Information Technology (IT) organization. Possess a deep understanding and hands-on experience with automation, CI/CD pipelines, and containerization technologies. Aims to leverage proficiency in tools like Docker, Kubernetes, Jenkins and Terraform to streamline and optimize deployment processes, foster a culture of continuous integration and delivery, and enhance overall operational efficiency within a fast-paced and dynamic environment

PROFESSIONAL SUMMARY

- Experienced in implementing and managing CI/CD pipelines to streamline software development and deployment processes
- Skilled in containerization technologies like Docker and Kubernetes, orchestrating and managing containerized applications
- Proficient in utilizing infrastructure-as-code tools like Terraform to automate infrastructure provisioning and management.
- Possess practical experience in configuring and managing Jenkins for continuous integration and delivery automation.
- Adept at working with AWS cloud platforms For deploying and managing applications in cloud environments.
- Experienced with automation and scripting languages like YAML for automating repetitive tasks and infrastructure management

EDUCATION

B-Tech Ramananda Tirtha Engineering Collage (JNTUH)	Jun 2012 - Aug 2016
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EMPLOYMENT

Dev ops Engineer TCS	Aug 2023 - Present
Software Engineer Foray Software Pvt Ltd, Hyderabad Engaged with TCS as a Contractor via Foray Software pvt ltd (Mar 2022 to Mar 2023) and transition to Fulltime employment with TCS (Aug 2023 to Present)	Mar 2022 - Mar 2023

Build and Release Engineer

Aug 2019 – Jan 2022

ITEN SOFTECH SOLUTIONS PVT LTD

Working as a Build and Release Engineer.

Graduate Engineer Trainee

Jan 2018 – Jul 2019

Cistron Infotek Pvt Ltd

Worked as a Graduate Engineer Trainee.

SKILLS

Linux

GIT

Maven

Jenkins

Jfrog

Apache Tomcat/Jboss

Docker And Kubernetes

Shell

AWS

Azure Dev ops

Ansible

Terraform

PROJECT SUMMARY

Project#3

Feb 2024 – Present

Devops Engineer

- One of the primary responsibilities is to containerize the micro services and deploy them on to the kubernetes platform. Introduced Node Port services with Ingress Configurations.
- Worked on container-based deployments using Docker, managing Docker images, and deploying them to Kubernetes Cluster.
- Built and Deployed Java to a web application server in an Agile continuous integration environment and also automated the whole process
- Configured permissions for Build Controllers to create and manage Build Agents.
- Orchestration of Docker images and Containers using Kubernetes by creating whole master and node extensively worked on Jenkins for continuous integration and for End-to-End automation for all build.
- Involved in various phases of Software Development Life Cycle (**SDLC**) as requirement gathering.
- Implemented end-end pipeline starting from build to deployment to higher environments like **DEV**, **Stage** and Production.
- Creating **Docker** files as per requirement.
- Using **Docker** Images and Containers to achieve **Continuous Delivery** goal.
- We create branches for developers based on requirements in **GitHub**.
- Installing, Configuring and Administering **Jenkins CI** tool on **Linux** machines.
- Analyzing and Resolve conflicts related to merging of source code for **GIT**.
- Implemented the setup for **Master Slave** architecture to improve the Performance of **Jenkins**.
- Configured and Automated the **Jenkins** build jobs for **continues Integration**.
- **Jenkin** Jobs creations and configure build steps for **CI & CD** in all environments.
- Installed/Configured and Managed **Jfrog** Repository.
- Implemented a Sonar software quality for testing the code quality.
- Promotion the code based on different environments like QA, UAT and Prod.
- Used **GIT** for version control and used versionl to track and create User stories.
- Used **SonarQube** to request platform and manage code review.
- Design, develop, and manage Infrastructure as Code (IaC) using **Terraform**
- Write and maintain Terraform modules for reusable infrastructure patterns.
- Work with Kubernetes, Docker, and other containerization tools as needed.

Project#2

Mar 2022 – Feb 2024

Devops Engineer

- Good experience in Linux and GIT commands.
- Involved in Build & Release Management activities. Deploying the Artifacts, SQL scripts, .net/Java patches, etc. to QA/UAT/PROD environments. Troubleshoot and debug build, release, and configuration management systems.
- Create and manage release plan for all development releases and provide instructions to teams on releases days.
- Coordinate with developers, testers, and all the involved stakeholders to ensure successful builds and deployments & assist them for any problems related to the Release management process or general configuration management process.
- Debugging build failures coordinating with developers and testers to resolve related issues.
- Work directly with agile Application Development to provide daily support aligned with a model of Continuous Delivery
- Responsible for deploying Clusters in AWS cloud using terraform.
- Design, develop, and maintain Kubernetes clusters and applications.
- Automate deployment and scaling of Kubernetes clusters and applications.
- Modified Terraform code across modules to work with Git-hub workflow.
- Build and maintain infrastructure as code using terraform.
- Involved in creating a **CI/CD** process to build and deployment micro services and micro apps using **Jenkins** Pipeline and **Docker**.

Project#1

Oct 2019 – Dec 2021

Build and Release Engineer

- Created **build and deployment** scripts in **Jenkins** using **Maven** as a build tool to shift from one environment to another.
- Developed **Shell** scripts to automate repetitive operations in different Systems Administration responsibilities.
- Using the Jfrog artifactory plugin, built end-to-end CI/CD pipelines in Jenkins to obtain code, compile apps, run tests, and publish build artefacts to **Jfrog**.
- Worked on **Docker** container, detaching an attached container from a running container, image management, and directory structures.
- Jfrog binary repository and workflow were designed and implemented.
- Observed and detailed security concerns using **shell scripts** and cron tasks.
- Installed, configured, and maintained web servers like **Apache Tomcat Web Server** and **JBOSS Application Server** on **Red Hat Linux**.
- Managed micro services using **Docker**, **Kubernetes** in order to establish continuous integration and delivery.
- Using **MAVEN** as build tools in Jenkins, developed build and deployment scripts to shift from one environment to another.
- Managed **Git** repositories for branching, merging, and tagging, and conducted meetings with the development team to handle merging difficulties when rebasing and re-integrating branches.
- Installed and configured the Jfrog repository manager for internal sharing of artefacts.
- Using Jenkins, Maven, Sonar Type Jfrog, Shell, and Java, developed an automated build and deployment process.
- Created a completely automated continuous integration system based on **Git**, **Jenkins**, db2 and Shell tools.
- Collaborated extensively with a variety of teams to resolve challenges, including Business, Quality Assurance, Build and Deployment, and Production Support.