SAI MAHESH GUNDU

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CAREER OBJECTIVE

- Highly motivated DevOps and Cloud Engineer with a strong passion for driving innovation, optimizing processes, and ensuring seamless software delivery in cloud-based environments.
- Committed to learn and implement emerging technologies and best practices, I aim to contribute to the success of organizations by enabling efficient software development, deployment, and management in cloud-native environments.

PROFESSIONAL SUMMARY

- A competent DevOps/AWS Engineer with 3 years of hands-on experience in automating and optimizing critical deployments over infrastructure.
- Worked with **GIT** source code tool and ensured the reliability of the application as well as designed the **branching** strategies for **GIT.**
- Hands on experience in AWS provisioning and good knowledge of AWS Services like **EC2, S3, LB, ELB, RDS, IAM, Route 53, VPC, Auto scaling, NACL'S, Security Groups,KMS,ECR,EKS,SSM.**
- Experienced with the Configuration Management Tool like **Ansible.**
- Experience with the automation of cloud infrastructure using **Terraform.**
- Experience with **CI (Continuous Integration)** and **CD (Continuous Deployment)** methodologies using **Jenkins** and **Multi-Branch** pipelines.
- Integrated Jenkins **CI** with **GIT** version control and implemented continuous build based on check-in for various cross functional applications and created **GitHub Webhooks** to setup triggers for commit, push, merge and pull request events.
- Extensively worked on **Jenkins** for continuous integration and for End to End automation for all build and deployments.
- Experience in working with tools like **SonarQube** to check the quality of the code and **Nexus** to save the builds.
- Involved in deploying the code onto web application servers like **Nginx.**
- Having good knowledge in monitoring tools like **prometheus ,grafana** and **elk** for analysing cpu,memory,logs.
- Good knowledge on container-based deployments of Micro-Services using **Docker** and **Kubernetes.**
- Used Kubernetes to Container orchestrate the deployment, scaling and management of Docker Containers
- Experience in **Kubernetes** to deploy scale, load balance and manage **Docker** containers.

TECHNICAL SKILLS

Operating systems	Linux
SCM	Git,Github
CI/CD	Jenkins
Configuration Managment	Ansible
Infra as Code	Terraform
Monitoring tools	ELK,Prometheus and Grafana
Cloud	AWS
Scripting Languages	Shell
Scanning tools	Sonar,Nexus
Container technology	Docker
Container Orchestration	Kubernetes

EDUCATIONAL QUALIFICATION

Bachelor of Technology from MGIT college, Hyderabad with an aggregate of 65%

WORK EXPERIENCE

Working as a DevOps Engineer in TCS, Hyderabad from February 2022 to till now

Project-1
Company : TCS
Client name: BMO-Bank Of Montreal Project
Date: FEB 2022 to till now
About Project
It is the one of the largest bank in Canada which allows users to make trading.

ROLES & RESPONSBILITIES
* Create and maintain fully automated CI/CD pipelines for code deployment in Jenkins.
* Responsible for creation and management of Ansible Playbooks.
* Creating branches and tags and maintaining source code in administration level.
* Creating new repositories and branches in existing repositories as per the requirement of the dev team.
* Implemented Continuous Integration using Jenkins and GIT.
* Performed CI-CD activity using JENKINS Multi-branch pipelines.
* Enable the required plug-ins in Jenkins.
* Automate to send email notifications to all team members if in case of any build failures.
* Configured and integrated Sonarqube with Jenkins for code quality analysis.
* Support developers by deploying application into Develop, test and production servers.
* Maintaining the containers using Kubernetes Orchestration tool.

INTERESTS
* Cricket
* Music
* Cooking

LANGUAGES
* English
* Hindi
* Telugu