Sai Meghana Muppavarapu

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PROFILE SUMMARY

DevOps Engineer with around 3 years of hands-on experience in managing CI/CD pipelines, automating infrastructure with IaC tools like Terraform and Ansible, and implementing monitoring and logging solutions. Adept at optimizing deployment processes, increasing automation, and ensuring high system availability. Proven track record of collaborating across teams to enhance delivery and improve system reliability.

EDUCATION

- B. Tech(EEE) from Vignan's Lara Institute of Technology & Science, Vadlamudi. (2017-2021)

EXPERIENCE

➢ Knowledge of implementing multi-staged **CI/CD pipelines** with tools: **AWS DevOps,Jenkins.**

➢ Good in troubleshooting the bugs generated during build and release.

➢ Having extensive knowledge on working with **Linux**.

➢ Hands on experience in **Aws Cloud (EC2, S3, IAM, VPC, RDS, ELB, CloudWatch, Autoscaling** etc.**)**

➢ Good experience in **Docker** like creating **Docker images** and **Docker containers**.

➢ Having knowledge on **Shell scripting**.

➢ Experience in deploying the applications using **Kubernetes**.

➢ Hands on in writing **yaml files** in **Kubernetes**.

➢ **Jenkins** to **Kubernetes** integrations.

➢ Having Knowledge on **Terraform.**

➢ Having experience in monitoring tools like **Prometheus and Grafana.**

➢ Experience in Project Management and Ticketing tools like **JIRA**.

- ➤ Automating the application deployment in Dev, QA and Production environments.

- ➤ Ability to work closely with teams, to ensure high quality and timely delivery of builds and releases.

- ➤ Conducted Knowledge Transfer Sessions (KTS) and provided onboarding support for newteam members, enhancing team productivity and ensuring seamless integration into the project.

PROJECTS

Project Title: C&E-VL   **2022 FEB-2023 JAN**

Role: Associate

RESPONSIBILITIES:

- Creating Users and providing permissions in GitHub and Repositories.

- Creating the repositories and Branching strategies.
- Created the Docker file and images for Deployment.

- Responsible for creating Kubernetes manifest files like replica sets, deployments.

- Created pipeline jobs to deploy micro services in Kubernetes Cluster.

- Responsible for checking the deployments and pods failure.

- Perform Deployment in Kubernetes Cluster.

- Used Prometheus and Grafana as monitoring tools.

- Perform Deployments to Multiple environments like DEV, QA and Prod.

Project Title: myWizard Compass   **2023 JAN-TILLDATE**

Role: Analyst

Responsibilities:

- Software Configuration management (Automate CI & CD pipeline using Ansible, Maven, Jenkins, Git)

- Configured Jenkins jobs, Install plug-ins for generating Project artifacts.

- Configured Git with Jenkins and schedule jobs using POLL SCM option.

- Working with developers and Testers to test the source code and applications through Jenkins plug-ins.

- Used Docker engine and Docker Machine environments to build containers and deployed the micro services-oriented environments for scalable applications. Wrote Docker files to build the micro-service applications.

- Creating users and assigning particular roles in AWS environment.

- Created S3 buckets.

- Created new instances in cloud environment.

- Perform Deployments to Multiple environments like DEV, QA and Prod environment.

TECHNICAL SKILLS

Operating System   : Linux

Cloud   : AWS, Azure

Version Control Tool   : GIT and GitHub

Scripting   : Bash

CI/CD   : Jenkins

Containerization   : Docker, Kubernetes

Configuration & IaC   : Ansible, Terraform

Monitoring tools   : Prometheus and Grafana

Ticket Tracking Tool   : Jira

PROFESSIONAL Path

- Working as a Custom Software Engineering Analyst in Accenture from September 2021 to till date.