

DevOps Engineer

Dedicated DevOps Engineer with 2.2 yrs of experience in achieving tangible results in automating infrastructure, implementing CI/CD pipelines and managing cloud-based services. Proactive and Excited to partner with like-minded individuals to achieve goals.

stackoverflow 

WORK EXPERIENCE

DevOps Engineer

SmartMieten Tech Pvt Ltd

03/2022 - 07/2023

Achievements/Tasks

- Automated the build process using **Jenkins**, establishing a streamlined **CI/CD** pipeline for continuous build and deployment.
- Integrated **SonarQube** for static code analysis into Jenkins for automatic testing and quality checks, ensuring code quality and adherence to best practices.
- Created **Docker** files, built, and pushed images to the **Docker private registry**, and containerized applications using Docker.
- I embraced Infrastructure as Code principles, defining cloud resources using a declarative language(**Terraform**). This facilitated in version control, collaboration, and reproducibility of deployments, ensuring consistency and scalability.
- Good understanding of **AWS** services, including **EC2, EKS, S3, VPC, RDS, IAM, Autoscaling** and **Route53**.
- Utilized **Kubernetes** cluster to orchestrate the deployment using **Helm Charts**, scaling, and management of **Docker containers**, enhancing application availability and **scalability**.

EDUCATION

Masters in Business Administration

Andhra University

Bachelors in Computer Science

Andhra University

SKILLS

AWS DevOps

Windows & RHEL

IaC - Terraform

Linux

Terraform

Ansible

Docker & Kubernetes

Jenkins

Git/GitHub

Gitlab

SonarQube

python

Prometheus & Grafana

PERSONAL PROJECTS

Accelerated Web App Development with a Jenkins Pipeline Triggered by GitHub Webhook Integration

- The Jenkins pipeline will be triggered automatically by Github Webhook Integration when change are made to the code repository.

Created a 2048 Game Deployed on AWS using Docker and EBS

- 2048 is an easy and fun puzzle game played on a 4x4 grid using the arrow keys .

AUTOMATION

Configuration Management

For automating infrastructure provisioning and configuration management.

Infrastructure as Code (IaC)

To automate infrastructure provisioning and management.

Continuous Integration/Continuous Deployment (CI/CD)

Jenkins, GitLab CI/CD to automate the build, test, and deployment processes.

Containerization & Orchestration

Docker & Kubernetes to automate application deployment and scaling.

Monitoring and Alerting - Prometheus & Grafana

To automate monitoring, log analysis, and system health checks.

Version Control

Through Git including branching strategies, code reviews, and integration with CI/CD pipelines.

Scripting and Automation Languages

Python, Shell, or Bash used to automate repetitive tasks and build custom automation scripts.