Kuldeep Vighane

DevOps Enginner

nishupvighane@gmail.com +91-9370390340 Aurangabad LinkedIn GitHub

Profile Profile Summary

DevOps Engineer with 1 year of experience in building and managing scalable infrastructure. Skilled in automating workflows, creating Infrastructure as Code (IaC), and supporting reliable deployments. Strong at monitoring, troubleshooting, and improving system performance to ensure smooth business operations. Passionate about delivering efficient, secure, and high-quality solutions through collaboration and continuous improvement.

Education

BSc, *Kavikulaguru Kalidas Sanskrit University (KKSU)* 2019 – 2023
Nagpur

HSC, *L. KAWADE ART& COMM & SCI JR COLLEGE* 2018 – 2019
Yavatmal

SSC, *Shree Shivaji High School* 2015 – 2016
Yavatmal

Skills

Cloud Platforms
Strong knowledge of AWS (in-depth)

Infrastructure as Code (IaC
Terraform, CloudFormation

Containerization & Orchestration
Docker, Kubernetes

Version Control & Collaboration
Git, GitHub

Networking & Security
VPC, Load Balancing, Identity & Access Management concepts

CI/CD & Automation
Jenkins

Professional Experience

Cloud/DevOps Engineer, *Warner electronics pvt. ltd. India.* 02/2025 – Present
Aurangabad

- Manage and maintain cloud infrastructure to ensure security, availability, and performance.
- Monitor servers, storage, and load balancers to support smooth operations.
- Configure and manage messaging/notification services for alerts and system communication.
- Automate infrastructure provisioning and management using Infrastructure as Code (IaC) practices.
- Support CI/CD workflows and containerized environments to streamline deployments.
- Collaborate with cross-functional teams to improve system reliability, scalability, and efficiency.
- Handle payments and keep track of invoices and bills to ensure timely financial operations.

Projects

Server less food delivery app, *Built a serverless food delivery application using infrastructure-as-code and cloud-native services. Designed REST API backend with event-driven architecture, used a NoSQL database for order storage, and automated resource provisioning through code. The solution scales automatically, reduces operational overhead, and demonstrates end-to-end cloud deployment skills.*

- **Key Features / Responsibilities:**
- Defined and deployed cloud infrastructure using Terraform
- Implemented backend logic with serverless functions for order management
- Managed data with a NoSQL (key-value) database
- Exposed APIs for front-end consumption
- Ensured fault tolerance, scalability, and cost-efficiency

Two Tier Web Server, *Developed and deployed a two-tier web server architecture on AWS using Terraform. Automated the provisioning of networking, compute, and database layers with Infrastructure as Code (IaC) to ensure scalability, repeatability, and secure resource management.*

Key Features / Responsibilities:

- Designed and implemented a VPC with public and private subnets for a secure two-tier architecture
- Provisioned web servers in the public subnet and a database in the private subnet
- Configured security groups, routing, and load balancing for high availability
- Automated deployment and configuration using Terraform modules
- Enhanced reliability, scalability, and cost-effectiveness through IaC best practices

For more project visi github

Declaration

I hereby declare that the information provided above is true to the best of my knowledge and belief.

Kuldeep Vighane