Shivshankar Kasapnor

DevOps Engineer | Cloud Engineer| AWS | Docker | Kubernetes | CI/CD | Terraform | Linux |

+91 9503127404 | shivk202vapm@gmail.com | GitHub | Portfolio | LinkedIn

───────────── Engineering Profile ─────────────

Cloud & DevOps Engineer experienced in Linux, AWS cloud infrastructure, Docker containerization, and Kubernetes container orchestration. Skilled in building automated CI/CD pipelines using Jenkins and GitHub Actions, infrastructure automation with Terraform, and deploying containerized applications using Dockerfiles and Kubernetes YAML configurations.

───────────── Infrastructure Stack ─────────────

Cloud Infrastructure: AWS (EC2, S3, EKS, CloudWatch, IAM, VPC, RDS)
Containerization: Docker, Dockerfile
Container Orchestration: Kubernetes
CI/CD: Jenkins, GitHub Actions (YAML pipelines)
Infrastructure Automation: Terraform
Monitoring & Logging: CloudWatch
Version Control   : Git, GitHub
Operating System   : Linux
Languages   : Java, Python, SQL
Scripting   : Shell

───────────── Deployment Projects ─────────────

Automated CI/CD Pipeline Deployment for Java Application
Tools: AWS | Docker | Jenkins | GitHub

- Built automated CI/CD pipeline using Jenkins and GitHub for Java application deployment
- Containerized application using Docker and deployed on AWS EC2
- Reduced manual deployment effort by ~80% through pipeline automation

DevOps-Enabled Billing & Shop Management App – Laxmi Traders
Tools: Android, Java, SQLite, Git, GitHub Actions, Docker, Kubernetes

- Developed Android billing application with automated invoice generation and sales tracking
- Implemented CI pipeline using GitHub Actions YAML workflows to automatically build APK artifacts
- Containerized build environment using Docker and simulated Kubernetes container deployment

Coronary Artery Disease Prediction
Tools: Python | SQL

- Developed machine learning model using Python
- Automated data preprocessing using SQL and Python scripts
- Achieved 92% prediction accuracy using ensemble algorithms

───────────── Education ─────────────

BE Electronics & Telecommunication, SFIT Mumbai | 7.0/10 CGPA | 2022–2025
Diploma, VAPM Latur | 78.97% | 2019–2022
SSC, Deshikendra Vidyalay, Latur | 69.40% | 2018

───────────── Certifications ─────────────

- **DevOps & Cloud Computing Training – Naresh IT**
  Tools: Linux, Git, Docker, Kubernetes, Jenkins, AWS, Terraform
- 19th Aavishkar Research Convention (Zonal Round) University of Mumbai