

Pranav Dakle

DevOps Engineer

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Profile Summary

DevOps Engineer specializing in automated CI/CD pipelines, cloud infrastructure, and container orchestration. Proficient in AWS, Docker, Kubernetes, and Terraform. Proven track record in optimizing development lifecycles, enforcing security quality gates, and implementing scalable Infrastructure as Code (IaC) to enhance system reliability and deployment velocity.

Technical Skills

Cloud & OS	AWS (EC2, S3, CloudFront, Route53), Azure, Linux, Windows
Containers	Docker, Kubernetes, Helm
Automation	Terraform, Ansible, Jenkins, GitHub Actions
CI/CD & VCS	Git, GitHub, GitLab, Nexus Repository Manager
Monitoring	Grafana, Prometheus, AWS CloudWatch
Security	SonarQube, Trivy, DevSecOps Quality Gates
Networking	DNS, VPC, Load Balancing, Nginx Reverse Proxy
Messaging	RabbitMQ, Kafka
Scripting	Python, Shell Scripting (Bash), YAML, C/C++, Java

Project Experience

MedGrid: Automated Hybrid CI/CD Pipeline, Hospital Management System

- Built a hybrid CI/CD pipeline using GitHub Actions for CI and Jenkins for CD, automating the lifecycle from code commit to server deployment.
- Enforced strict security standards by integrating SonarQube quality gates, ensuring 100% of production code passes vulnerability and reliability checks.
- Managed artifact versioning via local Nexus storage and automated deployments to on-premise Linux environments, reducing manual overhead.

LLM-Based Paraphrasing Tool with Automated CI/CD, AI/ML Infrastructure

- Architected a scalable platform with a FastAPI backend (EC2) and Streamlit frontend (S3/CloudFront), utilizing Docker and Nginx for production traffic.
- Implemented multi-stage CI/CD pipelines via GitHub Actions to automate backend logic updates and frontend cache invalidations on AWS.
- Optimized paraphrasing logic to effectively reduce AI signatures and bypass detection tools, while using LoRA fine-tuning to maintain 30–40% faster inference.

Containerized Multi-Tier Web Application, Deployment & Orchestration

- Containerized a full-stack application (Frontend, Backend, and Database) using Docker to ensure consistent environments across development and production.
- Deployed and managed the application stack on a Kubernetes cluster, using Services and Deployments to ensure high availability and seamless networking.
- Set up a monitoring dashboard using Prometheus and Grafana to track resource utilization (CPU/RAM) and ensure overall system stability.

Education

Exp. July 2026	B.Tech in Electronics and Computer Engineering , Maharashtra Institute of Technology, Chh. Sambhajinagar
2022	HSC (12th Standard) , Rajashree Shahu Higher Secondary School, Pathari, 81.14%
2020	SSC (10th Standard) , Rajashree Shahu Secondary School, Pathari, 78.40%

Certifications

Nov 2025	DevOps Basic to Advanced , Udemy by Imran Teli
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