

Komal Mahesh Bhor

DevOps Engineer | MLOps Engineer | Cloud Engineer

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📍 Pune

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WORK EXPERIENCE

Hikal Ltd

Scientist

Jul 2024 - Sep 2024

- **Provisioned 50+ AWS virtual machines**, reducing setup time by 30% with automated processes.
- **Automated infrastructure with Terraform**, cutting manual effort by 25%.
- **Built and deployed 5+ Dockerized microservices**, boosting development speed by 40% and ensuring consistent environments.
- **Optimized CI/CD pipelines in Jenkins and GitHub Actions**, decreasing deployment errors by 15% and improving uptime by 20%.
- **Reduced AWS costs by 10%** through resource optimization and scaling.
- **Enhanced cross-team collaboration**, reducing integration issues by 35% through consistent workflows

Sai Life Sciences Ltd

Research Chemist - DevOps

Jul 2022 - May 2024

- **Built an MLOps pipeline** using **machine learning** models to detect APS faults, automating data ingestion with **Kafka** and storing **500,000+ sensor records/day** in **MongoDB**.
- **Containerized and deployed the ML model** using **Docker**, ensuring consistent environments and automated deployment to **AWS EC2/ECR** via **GitHub Actions** CI/CD pipeline, reducing delivery time by **40%**.
- **Implemented Prometheus for real-time monitoring** and system health tracking, enabling proactive detection of issues and performance bottlenecks.
- **Ensured high code quality and automated testing** through **SonarQube**, maintaining **95%+ code coverage** and improving overall system reliability.
- **Achieved 95% model accuracy** for APS fault detection, leading to a **20% reduction in vehicle downtime** and improved operational efficiency.

EDUCATION

Fergusson College

Master of Science (M. Sc)

Jun 2020 - Jun 2022

Savitribai Phule Pune University

Bachelor of science (B.Sc)

Jun 2017 - Jun 2020

SKILLS

Cloud Platforms: AWS, Azure

Programming: Python, Shell Scripting

Containerization & Orchestration: Docker, Kubernetes

CI/CD & DevOps: Jenkins, GitHub Actions, AWS DevOps, SonarQube

Infrastructure as Code (IaC): Terraform, Ansible

Monitoring: Prometheus

MLOps: MLflow, DVC

Messaging & Streaming: Apache Kafka

Version Control: Git (GitHub, GitLab)

Operating Systems: Linux, Windows