

Mayur Naikwade

DevOps Engineer

✉ mayur.naikwade15@gmail.com ☎ 8551096115 📍 Pune, India 🔗 mayurnaikwade.com

PROFILE

DevOps/MLOps Engineer with 3+ years of experience in designing and automating CI/ CD pipelines, implementing Infrastructure as Code (IaC), optimizing hybrid cloud (AWS & on-prem) environments and applying MLOps best practices. Collaborative, results-driven professional with strong problem-solving skills and a focus on delivering reliable, scalable infrastructure solutions.

PROFESSIONAL EXPERIENCE

DevOps Engineer 2

11/2025 – Present | Pune, India

Phreesia

- Working on cloud-native MLOps architecture for a compressor health and Remaining Useful Life (RUL) prediction model in pharmaceutical cold-storage plants, leveraging AWS Kinesis, S3 data lake, Spark/Databricks feature engineering, MLflow model registry, Kubernetes-based model serving with automated data drift and model drift monitoring using Evidently and drift-triggered continuous retraining and redeployment pipelines enabling end-to-end Continuous Training and Continuous Delivery (CT/CD).
- Designed and deployed a secure serverless portfolio platform on AWS using Terraform (**S3, CloudFront OAC, Route53, ACM**) with automated CI/CD through GitHub Actions, **implementing OIDC-based keyless authentication** and remote Terraform state management (**S3 backend with DynamoDB locking**) for production-grade governance.

DevOps Engineer

04/2024 – 10/2025 | Pune, India

Phreesia

- Developed a Windows base image with Packer, pre-installing multiple tools and **reducing post-provisioning time by 32% (22 to 15 mins)**, improving server provisioning efficiency at scale.
- Built GitLab CI pipelines to export vSphere datacentre images in OVF/VMDK format, upload them to AWS S3, and automate AMI creation, **enabling consistent Windows server builds across AWS and on-prem** environments.
- Implemented **zero-downtime AWS instance replacement** automation using GitLab CI, reducing manual effort of modifying ASG capacity, monitoring chef-client run, validating Octopus deployment logs and ALB health checks.
- Played a key role in **upgrading on-prem Kubernetes clusters**, coordinating control plane upgrades, node drain strategies, and application readiness checks to achieve minimal downtime.
- Migrated Chef Policies repository from Bitbucket to GitLab and replaced Bamboo plan and deployment project with GitLab CI/CD pipelines; **reduced deployment time by 58% (106 minutes faster)** using GitLab parallelism and improved release reliability.
- Created GitLab CI/CD to replace Jenkins jobs, decommissioning 6 servers (1 master, 5 slaves) and consolidating workflows, **eliminating Jenkins infrastructure overhead**.
- Contributed to Vault to Akeyless migration by updating CI/CD integrations (Jenkins, GitLab, Bamboo, Chef); **eliminated Vault infra/licensing overhead** and improved security posture with SaaS-based secret management.
- Resolved recurring MongoDB deployment failures due to more than 90% disk usage by implementing automated log rotation with Terraform, **offloading logs to S3 with lifecycle policies for 1-year archival**; ensured zero failures thereafter while reducing storage costs.
- Designed and implemented a AWS **ECS Fargate deployment** using CI/CD pipelines to build **Docker images, publish to Amazon ECR**, and deploy via ECS services; **implemented HTTPS-secured ALB ingress**, rolling deployments, and **CloudWatch logging and alarms**.

- **Implemented branch protection rules with Terraform** across DevOps repositories to enforce version control best practices and improve stability.

Associate DevOps Engineer

11/2022 – 03/2024 | Pune, India

Rayden Interactive (former Phreesia partner)

- **Contributed to the migration of on-prem Jira & Confluence to Atlassian Cloud** by replacing Jira Crowd with local directory, managing DB/application backups, collaborating with Atlassian support, and configuring a secure testing setup, ensuring zero data loss during migration.
- **Developed and maintained Chef cookbooks** to automate installation/configuration of Grafana agents across servers, enabling centralized observability.
- **Created an Ansible playbook** to automate installation/configuration of Tenable agents on remote servers, improving security coverage and reducing manual effort.
- **Built scheduled Jenkins automation** to identify and remove unused Windows Server images from vCenter, reclaiming storage capacity and reducing maintenance overhead.

SKILLS AND TOOLS

Version Control: Git | **Cloud Platform:** AWS (EC2, IAM, SSM, S3, Route53, SNS, SES, Lambda, ECS, EKS, CloudWatch, RDS, VPC) | **Templating:** Docker, Packer | **Infrastructure Management:** Terraform, Kubernetes, vSphere | **Configuration Management:** Chef, Ansible | **Secrets Management:** HashiCorp Vault, Akeyless | **Package & Artifact Management:** ProGet, Jfrog Artifactory | **Scripting & Querying:** PowerShell, Bash, Python, SQL | **Monitoring & Observability:** Grafana - Prometheus, New Relic, Sumo Logic, Logic Monitor | **Agile & Collaboration:** JIRA, Confluence | **CI/CD & Release Automation:** Jenkins, GitLab CI/CD, GitHub Actions, Bamboo, Octopus Deploy | **Operating Systems:** Linux, Windows

CERTIFICATES

AWS Certified Solutions Architect Associate

(Issued in Jul 2025)

HashiCorp Certified Terraform Associate (003)

(Issued in Jul 2025)

Certified Kubernetes Administrator

(In progress)

EDUCATION

Post Graduate Diploma in Advance Computing (PG-DAC)

03/2022 – 09/2022

ACTS Pune

Batchelor of Engineering (BE) in Mechanical Engineering

2016 – 2019

MIT AOE Pune