

AAKANKSHA BIRARI

Pune, Maharashtra

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PROFILE

Entry-level DevOps Cloud enthusiast with strong hands-on experience in CI/CD pipelines, automation, Linux, Docker, Kubernetes, monitoring, and cloud-native environments. Passionate about building scalable, secure, and reliable systems while contributing across the Software Development Life Cycle (SDLC) — from development and testing to deployment and support. Seeking an opportunity to grow in a DevOps / Site Reliability Engineering role.

EDUCATION

G.H Rasoni College of Engineering and Management, Pune
— *B.Tech - Information Technology - CGPA - 8.61*

Jan 2020 – June 2024
Pune, Maharashtra

TECHNICAL SKILLS

DevOps Cloud: Docker, Kubernetes, Terraform, Jenkins, GitHub Actions, AWS.

Concepts: OOPS, SDLC, Agile, DevSecOps, Scrum, GitOps

Programming/Scripting: Python (Automation), Bash Scripting

Databases: SQL

Security Quality: SonarQube, Trivy, OWASP Dependency Check

Monitoring: Prometheus, Grafana

OS Tools: Linux, Git, VS Code

Soft Skills:: Communication • Problem Solving • Stakeholder Interaction • Collaboration

WORK EXPERIENCE

DevOps Engineer, Kodekloud  |

June 2025 - Present, Virtual

- Automated CI/CD pipelines for 5+ projects, reducing deployment time by 40 percentage and eliminating manual errors.
- Engineered infrastructure as code solutions using Terraform and Ansible, resulting in 60 percentage faster environment provisioning.
- Implemented containerization strategy using Docker and Kubernetes, improving application scalability by 35 percentage.
- Contributed 15+ pull requests to community projects, focusing on security enhancements and performance optimization.

PROJECTS

DevSecOps End-to-End CI/CD Pipeline(Jenkins-SonarQube-OWASP-Trivy-Docker)  |

- * Implemented a DevSecOps CI/CD pipeline using Jenkins with SonarQube, OWASP, and Trivy to automate code quality checks, vulnerability scanning, and secure Docker-based deployments.
- * Containerized applications with Docker and enforced Shift-Left security by scanning code, dependencies, and images before deployment.

GitOps-Driven Kubernetes Deployments — Jenkins — Helm — ArgoCD  |

- Implemented version-controlled Kubernetes deployments using GitOps practices to enable standardized rollouts across environments.
- Added rollback, monitoring and environment consistency -improving deployment visibility and operational efficienc.

Multi-Environment Infrastructure Automation — Terraform — Ansible — AWS  |

- Designed and implemented multi-environment (Dev / QA / Prod) infrastructure using Terraform to enable consistent, repeatable, and version-controlled provisioning across environments.
- Enabled consistent application runtime environments, improving reliability and release quality.

ACHIEVEMENTS AND RESPONSIBILITIES

- Participated in technical workshops hackathons
- Built multiple hands-on learning projects