

SHUBHAM MALI

Jalgaon, Maharashtra | Open to Relocation

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SUMMARY

Results-driven DevOps Engineer with hands-on production AWS experience, graduating June 2026 and available for immediate full-time roles. Demonstrated impact in real-world cloud environments: enforced zero-trust IAM policies, eliminated SSH exposure across all managed servers, and resolved live production outages within SLA. Proficient across the full DevSecOps lifecycle — infrastructure provisioning (Terraform, Ansible), containerized deployments (Docker, Kubernetes/EKS), CI/CD automation (Jenkins, GitHub Actions, ArgoCD), shift-left security (SonarQube, Trivy), and production observability (Prometheus, Grafana).

EDUCATION

Shram Sadhana Bombay Trust's College of Engineering and Technology

Bachelor of Engineering (B.E.) in Computer Engineering

CGPA: 8.36/10

June 2022 – June 2026

Jalgaon, Maharashtra

TECHNICAL SKILLS

Cloud Platforms: AWS: EC2, IAM (least-privilege policies, roles), EKS, S3, CloudFront, VPC, Security Groups, Session Manager

Containers & Orchestration: Docker (multi-stage builds, image optimization, versioned tagging, Docker Hub), Kubernetes (EKS, Kind, Minikube) — deployments, ingress, PVCs, pod scheduling

CI/CD & GitOps: Jenkins (declarative pipelines), GitHub Actions (workflow automation), ArgoCD (GitOps reconciliation), Git, GitHub

IaC & Config Management: Terraform (provisioning, state management), Ansible (playbooks, configuration management)

Security & Shift-Left: SonarQube (SAST, quality gates), Trivy (image & filesystem scanning), OWASP Top 10, zero-trust IAM, Security Group hardening

Observability & Monitoring: Prometheus (metrics, scrape targets), Grafana (dashboards, alerting), Linux diagnostics, incident RCA

Programming & Scripting: Python, Java, JavaScript, Bash, HTML5, CSS3, SQL

Databases & OS: MySQL (transactions, locking), MongoDB | Linux Ubuntu (server admin, log analysis), Windows Server

PROFESSIONAL EXPERIENCE

Cloud Computing Intern

Arrow Technologies and Solutions, Nashik, Maharashtra

June 2025 – August 2025

- Hardened AWS infrastructure organization-wide: provisioned EC2 instances, audited all IAM roles, eliminated over-permissioned policies, and enforced least-privilege access controls — reducing unauthorized access risk to zero.
- Eliminated 100% of open SSH exposure across all managed Linux servers by migrating to AWS Session Manager with tightened Security Group rules, removing a critical attack vector with zero workflow disruption.
- Diagnosed and resolved 3 critical production outages on Linux Ubuntu servers within SLA; authored RCA documentation formally adopted by the team as the standard incident response framework.

PROJECTS

Luminary – DevOps Project Management Platform

2026

Docker, Kubernetes (EKS), Jenkins, ArgoCD, SonarQube, Trivy, Prometheus, Grafana, AWS EC2

- Architected a cloud-native three-tier application (React, Node.js, MySQL) with Docker multi-stage builds and versioned Docker Hub images, delivering consistent and reproducible deployments across dev, staging, and production environments.
- Built dual CI/CD pipelines in Jenkins and GitHub Actions with SonarQube SAST and Trivy container scanning enforced as mandatory quality gates, ensuring zero vulnerable or non-compliant builds reach EC2 or EKS.
- Deployed ArgoCD for GitOps-driven Kubernetes reconciliation and configured Prometheus scrape targets with Grafana dashboards for real-time cluster observability; established pod scheduling policies and PVC configurations that eliminated recurring EKS deployment failures.

TourStack 2.0 – Full-Stack Travel and Hotel Booking Platform

2026

React, Node.js, Express.js, MySQL, JavaScript, HTML5, CSS3

- Engineered a full-stack travel booking platform for tour packages, hotel rooms, and holiday bundles; designed a RESTful API with input validation, centralized error handling, and structured response contracts for all client-facing endpoints.
- Implemented a real-time availability engine using database-level locking to prevent double-booking under concurrent load; secured the platform with JWT-based Role-Based Access Control (RBAC) across three dedicated dashboards (Admin, Staff, Guest) with route-level authorization guards.

Amazon-DevClone – Production-Ready E-Commerce Platform

2025

Docker, GitHub Actions, AWS EC2, IAM, JavaScript, HTML5, CSS3

- Built a production-ready Amazon-style e-commerce platform containerized with Docker multi-stage builds to minimize image size and reduce attack surface; deployed to AWS EC2 with Security Group hardening and least-privilege IAM role assignment.
- Automated the full CI/CD lifecycle with GitHub Actions: every push to main triggers a Docker build, publishes a versioned image to Docker Hub, and deploys the updated container to EC2 with zero manual intervention.

CERTIFICATIONS

Machine Learning Specialization — Stanford University & DeepLearning.AI

View Certificate