S.M. Hazrat Ali

DevOps Engineer

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SUMMARY

Software Engineer with 4 years of production experience, including 1+ year of hands-on DevOps experience building and maintaining CI/CD pipelines, containerizing applications, and managing AWS infrastructure. Proficient in Docker, Kubernetes (EKS), Terraform, Ansible, Jenkins, and GitHub Actions, with experience in monitoring and observability using Prometheus, Grafana, AWS CloudWatch, and Sentry. Currently working on a contract and available to join immediately.

TECHNICAL SKILLS

- **Cloud and Linux:** AWS (EC2, VPC, Security Groups, IAM, ALB, S3, ECS Fargate, EKS, ECR, Lambda, DynamoDB, ElastiCache, Secrets Manager, CloudFront, CloudWatch, SNS); Linux server administration; Nginx (reverse proxy, TLS)
- **CI/CD and Automation:** Jenkins (declarative pipelines, webhooks, credentials), GitHub Actions (OIDC, approval-based staging-to-production promotion), GHCR, Git, Makefiles, Bash, YAML
- **Monitoring and Reliability:** Prometheus, Grafana, Loki, CloudWatch alarms, Sentry, LogRocket; health checks, rolling deployments, ECS circuit-breaker rollback, autoscaling, backup and restore drills, runbooks
- **Containers and Orchestration:** Docker (multi-stage builds), Docker Compose, Kubernetes (EKS, kubectl, eksctl)
- **Infrastructure as Code:** Terraform (modules, staging and production environments), Ansible (roles, playbooks)
- **Security:** Trivy, CodeQL, Dependabot, AWS Secrets Manager, OIDC (no static keys)
- **Databases and Caching:** PostgreSQL, MySQL, MongoDB, Redis

DEVOPS AND INFRASTRUCTURE PROJECTS

- **Real-Time High-Traffic Inventory: Jenkins CI/CD on AWS EC2** · **GitHub:** Built a Jenkins CI/CD pipeline on AWS EC2, triggered by GitHub webhooks, to automate builds, tests, and deployments. Used Docker Compose for PostgreSQL integration tests, including a 100-request concurrency test, ensuring failed builds never deploy. Automated deployment using Docker Compose, Nginx, Node.js, and PostgreSQL, with secure secrets, versioned images, and Prisma migrations. Improved reliability with server hardening, timeouts, rollback support, and a deployment runbook.
- **Doctor Appointment Platform: AWS EC2 infrastructure and CI/CD** · **GitHub:** Provisioned AWS infrastructure, including VPCs, security groups, and EC2 instances, using Terraform, and configured Linux hosts with Ansible roles for Docker, Nginx reverse proxy, and TLS. Automated TypeScript builds, CodeQL security scanning, and Docker image publishing to GitHub Container Registry (GHCR) using GitHub Actions for a Next.js, Express, and MongoDB booking platform. Implemented rolling deployments with application health checks and automated MongoDB backups on the host.
- **SmartJobHub: CI/CD and AWS platform for a job portal** · **GitHub:** Built Terraform modules for VPC, ALB, ECS Fargate, ElastiCache, Secrets Manager, and CloudFront, with matching staging and production environments. Developed GitHub Actions pipelines for tests, Docker builds, Trivy vulnerability scanning, and CodeQL security analysis. Configured deployments of a single versioned image to staging, followed by production deployment after approval, using GitHub OIDC instead of static AWS keys. Set up Prometheus, Grafana, and Loki for metrics and logs, CloudWatch alarms integrated with SNS, Sentry for error tracking, and AWS budget alerts. Improved deployment safety with ECS circuit-breaker rollback, smoke tests, and autoscaling. Wrote the operational runbook, created nine Architecture Decision Records (ADRs), and conducted a backup restoration drill.
- **Kubernetes Deployment on Amazon EKS** · **GitHub:** Deployed a two-tier, MySQL-backed application to Amazon EKS using kubectl and eksctl, with Kubernetes namespace, deployment, and service manifests. Documented cluster setup and teardown procedures to keep cloud costs under control.

WORK EXPERIENCE

Firmwide — PriceEstimator.ai

Full-Stack Engineer, May 2026 – Present, Remote

- Set up CI/CD pipelines in GitHub Actions with lint, type-check, and build gates on pull requests, and tag-based staging-to-production promotion.
- Containerized the application with multi-stage Docker builds and environment-specific Nginx reverse-proxy configurations.
- Kept deployment configurations, environment variables, and operational docs current across staging and production.
- Built and optimized Node.js/Express services with MongoDB and Redis for a production billing platform, including a caching strategy to reduce database load, JWT authentication, and Zod-validated APIs.
- Integrated Microsoft Graph API for single sign-on and automated data ingestion from Microsoft 365 mailboxes.

SmartCrowd

Dubai, UAE (Remote), Dec 2022 – Apr 2026

- Monitored a fintech platform with 10K+ active users through Sentry and LogRocket; triaged alerts daily and drove incident resolution.
- Led end-to-end delivery of the Share Transfer Facility (STF) in a high-volume transaction system, with zero major post-release production issues.
- Promoted to Software Engineer in just over two years for leading architecture improvements and delivering fintech product features.