
ABHOY KUMAR MONDAL

DevOps Engineer | AWS | Kubernetes | DevSecOps
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PROFESSIONAL SUMMARY

DevOps Engineer with 3+ years building and operating production-grade AWS infrastructure for 15+ microservices across multiple regions. Specialised in AWS container platforms (ECS/EKS) and DevSecOps automation, with proven impact on deployment velocity, cloud cost, and security posture. Owns systems end-to-end — from Terraform module design to on-call incident response.

TECHNICAL SKILLS

- **Cloud & AWS:** ECS Fargate, EKS, ECR, ALB, Route 53, ACM, Bedrock, EventBridge, IAM, S3, VPC, SNS/SQS, CloudWatch
- **Containers & Platform:** Docker, Kubernetes, Kyverno, ECS Service Connect, Kong Gateway, Keycloak
- **Observability & SRE:** Prometheus, Grafana, CloudWatch, On-Call, Incident Response, Runbooks
- **IaC & GitOps:** Terraform, Helm, ArgoCD, GitHub Actions, AWS CodePipeline/CodeBuild
- **Security & DevSecOps:** Gitleaks, Trivy, SonarCloud, Checkov, OIDC Keyless Auth, IAM
- **Scripting & AI:** Bash, Python, YAML, HCL, AWS Bedrock, Claude Sonnet, LiteLLM

PROFESSIONAL EXPERIENCE

Reverside Global Services Private Limited DevOps Engineer

February 2023 – Present
Kolkata, India

- Designed and operate CI/CD platform for 15+ microservices across 3 environments using AWS CodePipeline, CodeBuild, and GitHub Actions — reduced deployment lead time from hours to under 10 minutes with fully automated, zero-touch production deploys.
- Replaced S3 polling with EventBridge instant triggers across 7 pipelines and engineered a custom S3-based CI/CD workaround for AWS regional service gaps in af-south-1 — eliminated polling latency and unblocked deploys in a region with limited native tooling.
- Deployed Kong Gateway on ECS Service Connect as unified ALB ingress with host-based routing — collapsed multiple per-service load balancers into one, simplifying TLS, DNS, and IAM while reducing infrastructure cost.
- Deployed and operate Keycloak (SSO), LiteLLM (AI gateway), and Camunda 8 (workflow) on ECS Fargate and EC2 — built reusable Terraform modules now adopted as the team standard for new platform services.
- Owned full observability and on-call stack — CloudWatch dashboards, Prometheus, Grafana, SNS alerting, AWS Cost Anomaly Detection — with documented runbooks and postmortems.
- Cut CloudWatch log ingestion ~95% via structured log-level tuning across all Java/Python services — significantly reduced monthly logging spend without losing actionable signal.

KEY PROJECTS

- **AI-Powered PR Review Pipeline** [\[Link\]](#)

Reusable GitHub Actions workflow authenticating to AWS via OIDC (no long-lived keys), fetching PR diffs and routing them to Claude Sonnet on AWS Bedrock for structured review posted back as a PR comment. Auto-reviews bugs, security issues, and code quality across all repos 24/7 at under \$2/month inference cost.

- **DevSecOps Pipeline on AWS EKS** [\[Link\]](#)

End-to-end 6-stage security pipeline on AWS EKS — Gitleaks → SonarCloud SAST → Trivy SCA & image scan → Checkov IaC → Docker build → ECR push — wired to ArgoCD GitOps with Kyverno admission control. Full Prometheus + Grafana observability and reusable Terraform modules.

EDUCATION

B.Tech, Computer Science & Engineering — University of Engineering & Management (UEM), Kolkata 2023

COURSES

Claude Code in Action – by ANTHROPIC [\[Link\]](#)