Obaid Abdullah

Cloud, DevOps & DevSecOps engineer

Indore, India · hello@obaidabdullah.com · github.com/ObaidAbdullah16 · linkedin.com/in/obaid-abdullah-a66556283 · obaidabdullah.com

SUMMARY

Final-year Computer Engineering student who builds production-style DevOps and cloud systems on AWS: Terraform, GitHub Actions with OIDC, Docker and ECS, Kubernetes with GitOps, and SLO-based observability. 7 merged pull requests in CNCF projects.

SKILLS

- **Cloud & IaC:** AWS (ECS Fargate, EC2, Lambda, RDS, S3, IAM, CloudFront, CloudWatch, Bedrock), Terraform, Ansible
- **CI/CD & containers:** GitHub Actions (OIDC), Jenkins (JCasC), Argo CD (GitOps), Docker, Kubernetes (kind, EKS), Helm
- **Observability:** Prometheus, Grafana, Loki, CloudWatch alarms and dashboards, SLOs with burn-rate alerts, runbooks
- **Security:** Least-privilege IAM, Trivy, Checkov, Syft SBOMs, cosign signing, Kyverno, gitleaks, zizmor, Prowler
- **Languages & data:** Python, Go, Bash, SQL, C++; PostgreSQL, Redis, DynamoDB; Linux, Git, Nginx, systemd

PROJECTS

ShipIt Platform · Go, Python, Terraform, AWS ECS Fargate, GitHub Actions, cosign

- Built a CI/CD platform on AWS ECS Fargate for a Go API and a Python worker (PostgreSQL, Redis): every release is tested, scanned with Trivy, given an SBOM, signed with keyless cosign and deployed by image digest.
- Enabled the ECS deployment circuit breaker so a deliberately broken release rolls back automatically while the old version keeps serving; a probe script recorded no user-facing errors during rollback.

KubeOps SRE Lab · Kubernetes, Argo CD, Helm, Kyverno, Prometheus, Grafana, Loki

- Built a one-command Kubernetes platform with Argo CD app-of-apps GitOps, Kyverno policies (including image-signature verification) and Prometheus, Grafana and Loki observability.
- Defined SLOs (99.5% availability, 99% of requests under 300 ms) with multi-window burn-rate alerts unit-tested by promtool; ran 4 scripted game days with runbooks and 3 postmortems.

ServerForge · Ansible, Jenkins, Linux, Nginx, Terraform

- Automated hardened Ubuntu servers with 8 idempotent Ansible roles, raising the Lynis hardening score from 60 to 80 in the lab.
- Built a Jenkins pipeline as code (JCasC) with staging, manual approval, rolling deploys, health-gated automatic rollback and nightly drift detection.

IncidentScribe AI · Python, AWS Lambda, Bedrock, Terraform

- Turned CloudWatch and Alertmanager alerts into runbook-grounded summaries; personal data and secrets are redacted before any model call (recall 1.0 on a 30-incident evaluation set) and spend is hard-capped at $4.50 a month.

AWS Bill Doctor · Python, boto3, Prowler, CloudFormation

- Built a read-only AWS audit tool: 12 cost checks across all regions with savings estimates, and a 25-control security baseline on Prowler with a score, fixes as code and a retest.

OPEN SOURCE

Lifeline (creator and maintainer) · Go, GitHub Action, SARIF, GoReleaser, cosign

- Open-source operational-resilience scorecard with zero third-party Go modules and keyless-signed releases with SBOMs; runs weekly on itself as a GitHub Action.

CNCF contributor · Kyverno, PipeCD, Meshery

- 7 merged pull requests, including a Meshery model for Azure FlexibleServer-VirtualNetwork subnet relationships (#19791), a Kyverno webhook test fix (#16164) and PipeCD contributor guidelines for AI-assisted changes (#6815).

EDUCATION

Institute of Engineering & Technology (IET), DAVV, Indore

B.E. Computer Engineering · 2023 - 2027

OTHER

- Incoming full-time role at DHL from June 2027 (offer accepted).
- Courses (Udemy): Decoding DevOps; Ultimate AWS Certified Solutions Architect - Associate (in progress); Linux Administration Bootcamp; SQL Bootcamp; Git & GitHub Bootcamp.