Ahmad Lamaul Farid

Senior DevOps Engineer / Site Reliability Engineer · Jakarta / Surabaya, Indonesia · Open to remote

lamaulfarid71@gmail.com · faridlamaul.dev · linkedin.com/in/faridlamaul · github.com/faridlamaul

DevOps and site reliability engineer with 4+ years running production platforms on AWS, GCP, Azure, and Tencent Cloud. At Geniebook I run six EKS and TKE clusters, led the move of 30+ services onto Tencent Cloud without customer-facing downtime, and cut monthly cloud spend by about half. I maintain open-source release and CI tooling (shiptag, shipguard, shipform) and co-founded Germa Tech, a software house that ships Go backends.

EXPERIENCE

Geniebook — Senior DevOps Engineer / SRE — Jul 2025–Present

Full-time · Surabaya · Remote

- Cut monthly cloud spend by about 50% ($25K to $12K, roughly $120K a year) through rightsizing, a commitment and spot mix, tag-based showback, orphaned-resource cleanup, and scheduled shutdown of non-production environments.
- Led the consolidation of 30+ production services from AWS, GCP, and Azure onto Tencent Cloud: mapped service dependencies, ran both clouds in parallel, and cut over in phases with no customer-facing downtime.
- Run six EKS and TKE clusters across production, staging, and development (4–7 nodes, 200–350 pods), covering ingress, service networking, storage, secrets, autoscaling, and resource quotas.
- Own the observability stack (VictoriaMetrics, Grafana, Loki, OpenSearch, Fluent Bit, Percona PMM) and the SLIs and alerting standards behind it, cutting alert noise by 50% and MTTR by 35%.
- Ended recurring log loss by rebuilding the OpenSearch pipeline: index lifecycle policies, shard sizing, disk-watermark fixes, and Fluentd and Fluent Bit ingestion tuning.
- Built reusable Terraform and Terragrunt modules and a multi-environment layout, cutting new-environment provisioning from three days to four hours.
- Standardized delivery on Helm, Helmfile, and GitLab CI/CD with security gates (Trivy, Gitleaks, SonarQube), reducing failed deployments by 60%.
- Run Kafka, Kafka Connect, Debezium CDC, Schema Registry, and Airflow for the data lake (40 topics, 200 GB/day), and the PostgreSQL and MySQL estate: backup drills, replication, and PMM query analysis that cut slow queries by 45%.
- Wrote runbooks for recurring Kubernetes failures (ENI/IP exhaustion, volume attachment, StatefulSet upgrades) and moved TLS renewal to cert-manager and Let’s Encrypt.

Telkom Indonesia — DevOps Engineer — Mar 2023–Jun 2025

Full-time · Jakarta

- Sole DevOps engineer for Netmonk (about 20 services), responsible for infrastructure, CI/CD, monitoring, security controls, and releases.
- Moved EC2 workloads to Amazon ECS and EKS with standard container pipelines, adding autoscaling and cutting deployment time from 25 to 8 minutes.
- Cut monthly infrastructure cost by 20% (about $60K a year) with rightsizing, reserved capacity, cleanup automation, and tagging rules.
- Added security gates (Trivy, Gitleaks, SonarQube, DefectDojo) to Bitbucket Pipelines and Jenkins and closed 100+ findings before they reached production.
- Built monitoring and alerting on Prometheus, Grafana, Datadog, and ELK that halved incident detection time.
- Managed AWS with Terraform and hardened production access (RBAC, MFA, encryption at rest) for Personal Data Protection (PDP) audits.

Traveloka — DevOps Engineer — Aug 2022–Dec 2022

Internship · Banten

- Designed Bucardo-based PostgreSQL replication for a ~500 GB Amazon RDS major-version upgrade, with under five minutes of downtime at cutover.
- Built GitHub Actions pipelines for the Flight domain covering tests, container builds, and deployment.
- Extended Datadog dashboards, alerts, and APM for Flight services, fixed Cloud Conformity findings, and replaced manual AWS setup with Terraform.

Germa Tech — Co-Founder & Principal Engineer Dec 2021–Present

Part-time · Concurrent role · Surabaya

- Co-founded a software house that has delivered 10+ client projects; own infrastructure, delivery pipelines, and backend services end to end.
- Build Go REST APIs (Gin, Echo) with PostgreSQL and MySQL schema design, authentication, and payment and messaging integrations.
- Run client workloads on GCP, VPS, and k3s with Helmfile GitOps, shared GitLab CI templates, Liquibase migrations, and Prometheus and Grafana monitoring.
- Set code review, environment, and release practices for a five-person team, and act as the technical contact for clients.

OPEN SOURCE

shiptag github.com/faridlamaul/shiptag

Go CLI and GitHub Action that turns Conventional Commits into the next semantic version, release notes, and a release on GitHub, GitLab, or Bitbucket. Dry runs need no token; a released commit never ships twice.

shipguard github.com/faridlamaul/shipguard

One CI image for GitHub, GitLab, and Bitbucket: four scanners behind a single policy gate, per-language build and test, and releases where the scanned image digest is the one pushed and signed.

shipform github.com/faridlamaul/shipform

Helm chart for APIs, workers, StatefulSets, Jobs, and CronJobs. The default install passes the restricted Pod Security Standard, and the values schema rejects privileged containers and unknown keys.

omp-cost github.com/faridlamaul/omp-cost

Go CLI that reports AI token usage, prompt-cache savings, and cost per Oh My Pi profile, with month-end forecasts. Reads local databases read-only; signed binaries for six platforms.

SKILLS

Cloud	AWS, GCP, Azure, Tencent Cloud
Containers & orchestration	Kubernetes, Docker, Helm, Helmfile, Kustomize
Infrastructure as code	Terraform, Terragrunt, Ansible
CI/CD & GitOps	GitLab CI/CD, GitHub Actions, Bitbucket Pipelines, Jenkins, Argo CD, Flux CD
Observability	Prometheus, Grafana, VictoriaMetrics, Datadog, Loki, OpenSearch, Fluent Bit, Percona PMM, OpenTelemetry, Jaeger
DevSecOps	Trivy, Gitleaks, SonarQube, DefectDojo, Burp Suite, Faraday
Automation & languages	Go, Python, Bash, n8n
Data platforms	PostgreSQL, MySQL, Kafka, Debezium, Airflow, Bucardo

EDUCATION & CERTIFICATION

B.Sc. Computer Science, Institut Teknologi Sepuluh Nopember · GPA 3.58 / 4.00 2019–2023

AWS Certified Cloud Practitioner, Amazon Web Services · verify Jan 2026–Jan 2029

Bangkit Academy · Cloud Computing path Feb–Jul 2022

AWS re/Start Academy Cohort, Orbit Future Academy Jun–Oct 2025