

HENGKY SANDY

Senior DevOps Engineer | Cloud & Platform Engineering

+62 812-9610-0288 • hengkysandi@gmail.com • [LinkedIn](#) • [GitHub](#) • *Open to Remote / Relocation*

PROFESSIONAL SUMMARY

Senior DevOps / Platform Engineer with 7+ years owning cloud and platform infrastructure for fintech, e-commerce, and B2B companies across Singapore, the UAE, and Indonesia. Currently the sole DevOps engineer at a Series B regulated digital-asset fintech (\$51M raise), where I ran DevOps response through the 2-week recovery from the March 2026 AWS UAE outage caused by drone strikes, drove ISO 27001 / 27017 certification, and replaced paid observability with a self-hosted LGTM stack. Previously founding infrastructure engineer at a Sequoia-backed B2B marketplace, operating production at ~\$33K/month on 100% Spot Instances. AWS Solutions Architect Professional, CKA, Certified Blockchain Architect.

TECHNICAL SKILLS

- **Cloud & IaC:** AWS (SA Pro), Terraform, CloudFormation, multi-region & DR architecture, Serverless (Lambda, API Gateway), VPC, IAM, Route53, CloudFront
- **Containers & CI/CD:** Kubernetes (CKA), Docker, EKS, ECS, Helm, Jenkins, GitHub Actions, AWS CodePipeline / CodeBuild / CodeDeploy, ArgoCD, GitOps
- **Observability & SRE:** LGTM stack (Loki, Grafana, Tempo, Mimir), Prometheus, New Relic, DataDog, SLO/SLI, incident response, on-call
- **Security, Networking & Edge:** ISO 27001 / 27017, HashiCorp Vault, Google SSO/SAML, IAM hardening, Cloudflare (Zero Trust, WAF, CDN, Workers/Pages), external audit coordination
- **Data & Storage:** MongoDB, MySQL, PostgreSQL, DynamoDB, Redis, Firebase / Firestore, S3
- **FinOps:** AWS cost optimization, Spot Instances, Reserved Instances, Savings Plans, observability cost reduction
- **Programming:** Python, Bash, JavaScript / Node.js, PHP (Laravel), Java, C#, C/C++, SQL, NoSQL
- **Architecture:** Microservices, distributed systems, AWS Well-Architected Framework, blockchain infrastructure
- **Languages:** English (full professional), Bahasa Indonesia (native)

PROFESSIONAL EXPERIENCE

Senior DevOps Engineer (Sole DevOps Owner)

Fasset

Dubai, UAE | 06/2022 – Present

Series B regulated digital-asset fintech (\$51M raise). Sole DevOps engineer owning AWS, security, and compliance end-to-end.

- **March 2026 AWS UAE outage recovery** — when drone strikes rendered me-central-1 databases and snapshots unrecoverable (first confirmed military attack on hyperscale cloud), the company's recovery path was the Airbyte → MWAA → Redshift data pipeline I had provisioned months earlier. Over a 2-week migration to AWS Jakarta, owned DevOps incident response: environment / secrets / SSM configuration, deployment validation, and cross-team coordination with data, backend, and QA teams through customer-data reconciliation to full restoration.
- **Drove ISO 27001 and ISO 27017 certification end-to-end** as primary internal owner with external consultant — defined controls across access, change management, and incident response. Passed audit on first attempt; unlocked regulatory licensing.
- **Halved observability cost** by migrating logging, metrics, and tracing from New Relic to a self-hosted LGTM stack (Loki, Grafana, Tempo, Mimir) on Kubernetes, with unified dashboards covering app performance, logs, and deployments.
- **Architected multi-region AWS** across Europe, UAE, and Indonesia. Following the March 2026 outage, rebuilt DR strategy based on what actually worked vs. what failed under real crisis conditions.
- **Consolidated identity and secrets management** with Google SSO across AWS, VPN, and Confluence, plus HashiCorp Vault for application secrets — eliminated shared credentials and standardized rotation.

DevOps Lead (Founding Infrastructure Engineer)

ULA

Singapore | 12/2019 – 06/2022

B2B e-commerce marketplace (Sequoia, Tencent, Lightspeed backed). First infrastructure hire.

- **Operated production at ~\$33K/month AWS baseline** by running 100% of compute on EC2 Spot Instances with graceful interruption handling — uncommon for production-critical e-commerce.
- **Led infrastructure-side incident response during 2-month traffic burst** (Ramadan / OIL Campaign, AWS spend peaked at ~\$66K/month). Coordinated with AWS Enterprise Support to raise service limits, scaled capacity, and ran on-call while the engineering team resolved a Lambda authorizer bottleneck.
- **Built the entire production platform as employee #1 on infra**, applying AWS Well-Architected principles to scale a regional marketplace serving warehouses and retailers across Indonesia.

- **Delivered a self-serve developer platform** letting engineers deploy, monitor, and roll back services end-to-end without DevOps tickets — significantly reduced delivery cycle time.

DevOps Engineer

Ralali

Jakarta, Indonesia | 02/2019 – 12/2019

- **Consolidated multi-cloud legacy infrastructure** (Alibaba Cloud, GCP, on-prem) into unified AWS via Terraform; cut CI/CD build time 76% (21→5 min) through caching; integrated DataDog, Rollbar, New Relic, Sonarcloud, and payment gateway.

Software Engineer

Ralali

Jakarta, Indonesia | 09/2018 – 02/2019

- **Reduced API latency 80% (600ms → 100ms)** through query optimization and database tuning; built a user-activity tracking system.

Software Engineer

STTS Consultant

Jakarta, Indonesia | 02/2017 – 02/2018

- Built a full-stack supply chain management and payment platform end-to-end as sole engineer — frontend, backend, and integrations.

Teaching Assistant — Software Lab

Binus University

Jakarta, Indonesia | 02/2016 – 02/2018

- Best Performing Assistant award. Taught C, C++, C#, Java, and JavaScript to undergraduates.

CERTIFICATIONS

- **AWS Certified Solutions Architect – Professional** (09/2023 – 09/2026) • **CKA: Certified Kubernetes Administrator** (12/2022 – 12/2025)
- **Certified Blockchain Architect™** (2023) • **Certified Blockchain Expert™** (2023) • **Previously held AWS Associate certifications** (2020–2023; superseded by SA Pro)

EDUCATION

Bachelor of Computer Science

Binus University, Jakarta, Indonesia | 2014 – 2018