

Widnyana Putra

· CLOUD INFRASTRUCTURE ENGINEER ·

Yogyakarta, 55198, Indonesia

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"I build and operate systems at scale."

Work Experience

Stealth Startup - Freelance

Indonesia, Remote

SR. CLOUD INFRASTRUCTURE ENGINEER

Jun. 2025 - Present

- Designed and managed cloud infrastructure across GCP and AWS for multiple blockchain companies.
- Built and maintained Kubernetes clusters, CI/CD pipelines, and deployment automation using GitOps.
- Developed Infrastructure as Code using Terraform, standardizing provisioning across environments.
- Advised and mentored software engineers on software design, development practices, and deployment workflows.
- Implemented cost optimization and observability across all managed infrastructures.

Stealth Startup - Contract

Indonesia, Remote

SR. DEVOPS ENGINEER

Jun. 2024 - Jan. 2025

- Built and maintained Infrastructure as Code (IaC) for Google Cloud Platform.
- Managed and monitored multiple Kubernetes clusters and virtual machines.
- Introduced and supported the adoption of OpenTelemetry for observability.
- Collaborated with the Data Team to ensure data pipeline integrity and improve performance.
- Reduced cloud infrastructure costs by approximately 30%.

PT. Sejahtera Lunaria Annu (koinworks.com)

Indonesia - Remote

ENGINEERING MANAGER - INFRASTRUCTURE.DEVOPS

Apr. 2023 - Mar. 2024

- Led cost optimization of 80% of Koinworks cloud infrastructure, reducing monthly bills by IDR 300M.
- Drove DevOps culture transformation across the engineering team, enabling engineers to write CI/CD pipelines and manage their own deployments.
- Introduced a documentation culture in the Infrastructure team, ensuring documentation exists for on-boarding, changes, decision-making (ADR, RFC), and runbooks.
- Drove observability adoption across Infrastructure and Software Engineering teams, migrating from Datadog to OpenTelemetry to avoid vendor lock-in.

PT. Sejahtera Lunaria Annu (koinworks.com)

Indonesia - Remote

ENGINEERING MANAGER - PLATFORM.TRUST

Oct 2021 - Mar 2023

- Rearchitected and rolled out a new cloud infrastructure design, migrating from VM-based to container-based deployment using GKE.
- Led migration from a monolith application to distributed, event-driven microservices, replacing Jenkins with GitLab CI and introducing RabbitMQ as a message broker.
- Built an 8-person engineering team into an autonomous unit capable of self-serving their deployment needs.
- Improved Scrum ceremony efficiency by reducing time spent from 3 hours to 1.5 hours on average.
- Introduced and led observability implementation across all services using Datadog as the central monitoring platform.

PT. Sejahtera Lunaria Annu (koinworks.com)

Indonesia

SENIOR SOFTWARE ENGINEER

Jan 2020 - Oct 2021

- Implemented data mining pipelines integrating multiple data sources.
- Designed, maintained, and optimized multiple private integration services.
- Developed and optimized backend services including KYC flows, event-driven RabbitMQ consumers and producers, and third-party connectors to partners and service providers.
- Set up and managed Kubernetes clusters and other services on Google Cloud Platform.
- Introduced and implemented CI/CD pipelines using GitLab CI.
- Reviewed and validated security reports related to Koinworks' ecosystem.

PT. Forta Digital Indonesia

Yogyakarta, Indonesia

SYSTEM ADMINISTRATOR (PROJECT BASED)

Aug 2019 - Dec 2019

- Set up and maintained office network and local development ecosystem.
- Designed, set up, and maintained several nodes consisting of Tenable Security Center, Splunk, MongoDB, RabbitMQ, and others.
- Implemented continuous deployment using Ansible and GitLab CI.
- Handled product deployment to client environments.

PT. Mahapatih Sibernusa Teknologi - (mahapatih.id)

Yogyakarta, Indonesia

FULLSTACK SOFTWARE DEVELOPER (PROJECT BASED)

Mar 2019 - Aug 2019

- Developed backend API for Sistem Manajemen Kerentanan (Sepatih) and contributed missing Python SDK bindings upstream to the Tenable Security Center API.
- Implemented continuous deployment using Ansible and GitLab CI.

PT. Digital Siber Indonesia

Yogyakarta, Indonesia

SENIOR SOFTWARE ENGINEER

Feb 2018 - Jan 2019

- Led engineering on web applications and REST APIs for online media clients.
- Designed, set up, and maintained the company's infrastructure.
- Managed the company's technological roadmap.

PT. Binokular Media Utama (binokular.net)

Yogyakarta, Indonesia

SENIOR SOFTWARE ENGINEER - SYSTEM ADMINISTRATOR

Nov. 2015 - Jan. 2018

- Built and maintained several internal web applications related to media monitoring services, including a crawler engine, data input and validation platform, and a distributed web-screenshot engine.
- Re-architected and developed an AI-based system for media monitoring, covering entity extraction, sentiment analysis, and quote extraction (newstensity.com).
- Rewrote an unsupervised topic classification AI service (tirtoid) from Scala to Python, reducing memory footprint and cutting server requirements by a third, replacing ArangoDB with MongoDB.
- Designed, deployed, and maintained a multi-master Percona XtraDB cluster, Elasticsearch cluster, and disaster recovery nodes.

PT. Sebangsa Bersama (sebangsa.com)

Yogyakarta, Indonesia

BACKEND ENGINEER

Apr. 2014 - Oct. 2015

- Developed Sebangsa Auth using OAuth 1.0 protocol.
- Developed and maintained the Sebangsa Premium API.
- Implemented a fan-out algorithm for distributing users' posts to their followers.

Skills

Infrastructure	Linux OS, Kubernetes, Docker, Ansible, Helm, Terraform
Cloud Platform	Google Cloud Platform (GCP), Amazon Web Services (AWS), Alibaba Cloud (Alibaba Cloud)
CI/CD	GitLab CI, GitHub Actions, ArgoCD, FluxCD, Jenkins, CloudBuild
Monitoring	Grafana, Prometheus, Datadog, OpenTelemetry
Security	HashiCorp Vault
Programming	Golang, Rust, Python, TypeScript, Bash, PHP, Solana Program Development (Anchor, Codama)
Database	SQL [PostgreSQL, MySQL], NoSQL [Redis, MongoDB, Cassandra]
Messaging	RabbitMQ, NATS
Log Management	Splunk, ELK Stack
Languages	English, Bahasa Indonesia

Certificates

2020 **Alibaba Cloud Associate**, Alibaba Cloud

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Presentation

Sebangsa Development Program

Yogyakarta

PRESENTER

Mar. 2015

- Presented how delayed and distributed task queues work using Python, Celery, and RabbitMQ.

Wonosobo Cyber Security Meetup

Wonosobo, Central Java

PRESENTER

Mar. 2018

- Introduced how to gain access and control Android smartphones using Metasploit Framework.

Education

School of Applied Science, Telkom University

Bandung, Indonesia

ASSOCIATE DEGREE (DIPLOMA) IN COMPUTERIZED ACCOUNTING

2010 - 2013