

Widnyana Putra

· CLOUD INFRASTRUCTURE ENGINEER ·

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”Adapt. Build. Thrive.”

Work Experience

Stealth Startup - Contract

Indonesia, Remote

SR. DEVOPS ENGINEER

June. 2024 - January. 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.
- Worked closely with the Data Team to ensure data pipeline integrity and improve performance.
- Optimized cloud infrastructure costs.

PT. Sejahtera Lunaria Annua (koinworks.com)

Indonesia - Remote

ENGINEERING MANAGER - INFRASTRUCTURE.DEVOPS

Apr. 2023 - Mar. 2024

- Led cost optimization of cloud infrastructure, achieving a 33.33% reduction in monthly expenses.
- Introduce, and Assist DevOps culture transformation in the whole Koinworks engineering team, ensuring software-engineers now knows what going on on the deployment process, know how to write CICD, and begin to manage their own pipelines.
- Introduce writing culture in Infrastructure Team, ensuring documents is exists for on-boarding process, changes, decision making process (ADR, RFC), runbooks, etc.
- Improved the DevOps team’s technical skills, communication, and problem-solving abilities through mentorship and knowledge sharing, leading to enhanced efficiency and collaboration.
- Continue to introduce, and influence implementation of System Observability both on Infrastructure, and Software Engineering team, Migrating from Datadog to OpenTelemetry to avoid vendor-locking.

PT. Sejahtera Lunaria Annua (koinworks.com)

Indonesia - Remote

ENGINEERING MANAGER - PLATFORM.TRUST

Oct 2021 - Mar 2023

- Rearchitect and Rollout new Cloud Infrastructure design. Change the VM-based deployment into Container-based deployment using GKE.
- Lead migration from monolith application to distributed, event-driven microservices. Changing the deployment method from using Jenkins as CICD Runner to Gitlab-CI, and using RabbbitMQ as Message Broker.
- Nurtured and groomed teams of software engineers into an autonomous, highly skilled, and mature team. Enabling the team to self-service their own needs on services deployment.
- Improved Scrum ceremonies by reducing average meeting time from 3 hours to 1.5 hours.
- Successfully introduced and led the implementation of Observability across all services, utilizing Datadog as the central monitoring and analytics platform.

PT. Sejahtera Lunaria Annua (koinworks.com)

Indonesia

SENIOR SOFTWARE ENGINEER

Jan 2020 - Oct 2021

- Implemented data mining pipelines from various data sources.
- Designed, maintained, and optimized multiple private integration services.
- Developed, maintained, and optimized various backend services.
- Architected, set up, and managed Kubernetes clusters and other services on Google Cloud Platform single-handedly for my team.
- Introduced and implemented CI/CD pipelines using GitLab CI.
- Reviewed and validated security reports related to Koinworks’ ecosystem.

PT. Forta Digital Indonesia

D.I Yogyakarta, Indonesia

SYSTEM ADMINISTRATOR (PROJECT BASED)

Aug 2019 - Dec 2019

- Setup and Maintain office network and local development ecosystem.
- Design, Setup, and Maintain several nodes consist of Tenable.SC, Splunk, MongoDB, RabbbitMQ, etc
- Implement Continuous Deployment using Ansible and Gitlab-CI.
- Handle Product Deployment to client ecosystem.

PT. Mahapatih Sibernusa Teknologi - (mahapatih.id)

D.I Yogyakarta, Indonesia

FULLSTACK SOFTWARE DEVELOPER (PROJECT BASED)

Mar 2019 - Aug 2019

- Develop backend API for Sistem Manajemen Kerentanan (Sepatih), Implement missing Python SDK for Tenable.SC API.
- Implement Continuous Deployment using Ansible and Gitlab-CI.

PT. Digital Siber Indonesia

D.I Yogyakarta, Indonesia

SENIOR SOFTWARE ENGINEER

Feb 2018 - Jan 2019

- Lead a team of engineer on various project. eg: web application, and REST API. Paragram.id, and Visitbali.id are some of them
- Design, setup, and maintain various infrastructure used by the company.
- Managing the company's technological plans.
- Envisioning how different forms of technology will be used throughout the company.

PT. Binokular Media Utama (binokular.net)

D.I Yogyakarta, Indonesia

SENIOR SOFTWARE ENGINEER - SYSTEM ADMINISTRATOR

Nov. 2015 - Jan. 2018

- Build and Maintain several internal web application related to Media Monitoring services; eg: crawler engine, data input and validation platform, and distributed web-screenshoter engine.
- Re-architect and Develop AI-based system for media monitoring service, covering entity extraction, sentiment analysis, and quote extraction (newstensity.com).
- Optimize Unsupervised Topic classification AI service (tirtio.id).
- Design, deploy, and maintain multi-master Percona XTrADB cluster, Elasticsearch Cluster, and Disaster Recovery nodes.

PT. Sebangsa Bersama (sebangsa.com)

D.I Yogyakarta, Indonesia

BACKEND ENGINEER

April. 2014 - Oct. 2015

- Develop Sebangsa Auth using OAuth 1.0 Protocol.
- Develop and Maintain Sebangsa Premium API.
- Implement fan-out algorithm for distributing user's post to their followers.

Skills

Programming	Python, Golang, Bash, Rust, PHP
Database	RDBMS [PostgreSQL, MySQL], NoSQL [Redis, MongoDB, Cassandra]
Tools	Linux OS [Redhat, Debian, Alpine], Container [Kubernetes, Docker], SCM [Git], Provisioning [Ansible, Helm, Terraform], CI/CD [Gitlab-CI, Github-Action, ArgoCD, Jenkins, CloudBuild], Monitoring [Grafana, Prometheus, Datadog, Zabbix], Message Broker [RabbitMQ, NATS], Log Management [Splunk, ELK Stack]
Cloud Platform	Google Cloud Platform (GCP), Amazon Web Service (AWS), Alibaba Cloud (Alicloud)
Languages	English, Bahasa Indonesia

Certifications

2020 **Alibaba Cloud Associate**, Alibaba Cloud

[IACA01200200004655L](#)

Presentation

Sebangsa Development Program

D.I Yogyakarta

PRESENTER

Mar. 2015

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

Wonosobo Cyber Security Meetup

Wonosobo, Central Java

PRESENTER

Mar. 2018

- Introducing how to gain Access, and Controlling Android Smartphone using Metasploit Framework.

Education

School of Applied Science, Telkom University

Bandung, Indonesia

ASSOCIATE DEGREE (DIPLOMA) IN COMPUTERIZED ACCOUNTING

2010 - 2013