

# Aidil Rezjki Suljztan Syawaludin

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## Technical Skills

**Programming Languages:** Go, Java, JSONNET, MySQL, Python, Shell

**Technologies:** AWS, Docker, Google Apigee, Jenkins, Kubebuilder, Kubernetes, Linux, REST API, Spinnaker, Terraform

**Concepts:** API Management, Automation, Backend, CI/CD, Cloud Native, Database, DevOps, Microservice, Platform

## Experience

### GovTech

July 2025 – Present

Software Engineer (II) - National Digital Identity (Singpass)

Singapore

- Building cloud agnostic core **CI/CD** and **DBaaS** platform for internal teams, allowing for a centralized infrastructure approach with baked in security management and better developer experience.

### Autodesk

November 2022 – April 2025

Senior Software Engineer

Singapore

- Developed an internal platform to automate **AWS DynamoDB**, **Aurora**, **RDS**, and **DocumentDB** provisioning, allowing for production-ready standardized database deployment in under 30 minutes. Built on top of **Kubernetes** with custom controllers/operators and **E2E** pipelines.
- Developed real-time monitoring and backup automation, allowing for alarms, autoscaling, and reducing **RTO/RPO** to 10 minutes, enhancing database reliability.
- Developed database upgrade tool with minimal downtime and switchover under 10 seconds and rollback support.
- Optimized deployment pipeline by migrating to **AWS** infrastructures, cutting pipeline preparation time by 90%.
- Developed an internal **API** management solution for company-wide standardized **API** proxy provisioning for services in under 10 minutes with **Google Apigee**.
- Developed and maintained **Java** and **Python** backend microservices processing millions of **API** usage data with asynchronous ingestion for monetization with **AWS** resources and **REST APIs**, interacting with internal services.
- Migrated backend services, increasing performance by 10% for bulk data processing and reducing latency, with standardized automated **CI/CD** deployments. Improved maintainability and security, allowing deployment of services to production within 10 minutes and reducing manual toil for deployments.
- Developed a self-service runbook tool for monitoring and maintenance with metrics and statistics gathering.

### Shopee

October 2021 – November 2022

Database Engineer

Singapore

- Deployed and maintained distributed database systems (**MySQL**, **TiDB**) with **Kafka** for data synchronization.
- Implemented tools for monitoring and deployment automation, improving reliability and reducing manual toil.
- Maintained servers on cloud infrastructure (**GCP**) and on-premise.

### OY! Indonesia

January – March 2021

Software Engineer Intern

Jakarta, Indonesia

### GDP Labs

June – August 2020

Software Engineer Intern

Jakarta, Indonesia

### Bukalapak

June – August 2019

Software Engineer Intern

Jakarta, Indonesia

### Agate International

July – October 2018

Game Programmer Intern

Bandung, Indonesia

## Projects

**OSKM ITB 2020 Web Application & Game** | GCP, Go, NGINX, Phaser 3, React

- Led development of a web application for **OSKM ITB 2020**. Worked on backend with **Go** and **Gin**, frontend with **React**, game development with **Phaser 3**, and deployed to **GCP** with **NGINX**.

## Education

**Institut Teknologi Bandung**

August 2017 - July 2021

B.S. in Computer Science (Cumulative GPA: 3.75 / 4.00)

Bandung, Indonesia