

Farrel Najib Anshary

Software Engineer

farrelnajib@gmail.com | farrelanshary.com | github.com/farrelnajib

SUMMARY

4+ years of experience as a Software Engineer, highly skilled in **Golang** and **TypeScript**. Gained my Bachelor of Comp. Science degree from Bina Nusantara University, and currently honing my skills at GovTech Procurement Indonesia.

SKILLS

Programming Languages: Go, TypeScript, NodeJS, PHP, Java, Kotlin, Python, C/C++, Swift

Technologies: Go Chi, gRPC, ExpressJS, Laravel, RabbitMQ, GraphQL, Google Pub/Sub, Docker, Selenium, ReactJS, UIKit

Databases: PostgreSQL, MySQL, Redis, MongoDB, ElasticSearch, CoreData

Languages: Indonesian (Native), English (Business Level - TOEFL ITP 610)

EXPERIENCE

Senior Software Engineer

February 2023 – Present

GovTech Procurement Indonesia

- Planned and architected **100%** of product service for E-Gov Marketplace.
- Boosted product search efficiency by serving **thousands** of products in **under 100ms** using **ElasticSearch**.
- Eliminated **100%** synchronous process by migrating **all inter-service POST requests** to **message queueing**.
- Migrated **10k+** products from **500+** sellers to the new E-Gov Marketplace.
- Became co-leader of the backend product team consisting of **4 people** and mentored **2 juniors**.

Tech Stack: Go, Chi, Google Cloud, GraphQL, ElasticSearch, PostgreSQL

Associate Software Engineer

March 2022 – February 2023

SIRCLO

- Enhanced API performance from **seconds** to **under 100ms** (concurrent workers & N+1 fix).
- Saved **50%** of cloud ops cost by refactoring codes, minimizing server memory usage by **50%**.

Tech Stack: Go, TypeScript, gRPC, Google Cloud, GraphQL, PostgreSQL

Junior Developer (Apple Platform)

February 2021 – December 2021

Apple Developer Academy @ Binus

- Finished **5 projects** ranging from iOS app, macOS app, iPad app, to watchOS app.

Tech Stack: Swift, UIKit, SwiftUI, Apple Technologies

Part-time Software Engineer

April 2020 – March 2021

Ahlibisnis.id

- Improved API latency by **80%** with database **indexing** and Redis **caching**.

Tech Stack: PHP, Laravel, Redis, MySQL

EDUCATION

Bina Nusantara University

September 2018 - July 2022

Bachelor of Computer Science, GPA: 3.80/4.00

ACHIEVEMENTS

Chain Fusion Hacker House: Web3 Hackathon - 3rd Winner

2024

Coinfest Asia x Internet Computer

- Developed a product leveraging the Internet Computer network, competing against top web3 developers.

DevCode Back-End Challenge: API To Do List - 1st Winner

2022

DevCode x SkyShi

- A backend programming competition with free options for the languages and framework.

IYCL Vol.2 Mekari x Money Forward - Silver Tier

2022

Mekari x Money Forward

- A solo programming competition with **100+ young coders participants**.
- Placed in **rank 40** and got the **Silver Tier**.