RAHMAT HANAFI

I'm a software engineer and a university graduate with a Bachelor's degree in Information Systems Specializing in back-end development, I have extensive experience using technologies like Golang, Apache Kafka, MongoDB, Redis, and MySQL.

CONTACT

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EDUCATION

Andalas University
(2018 – 2022)

INFORMATION SYSTEM
CURRENT GPA : 3.7 / 4.0

SKILLS

- **Back End** | Golang, PHP, Java, SQL, Apache Kafka, Redis, RDBMS (MySQL, PostgreSQL), NoSQL (MongoDB), CodeIgniter, Laravel
- **Front End** | JavaScript, HTML5, CSS3, jQuery, Figma
- **Testing/Deployment** | Azure, CI/CD, SDLC
- **Developer Tools** | Git, GitHub, Microservices, Mono repo, GIS, RESTful APIs, Networks, Concurrency

EXPERIENCE & PROJECTS

Backend Engineer | PT. Diksha Teknologi Indonesia (PT Bank BRI)
Jakarta, Indonesia (2023 – Present)

GO, REDIS, MYSQL, GCP

- Client: PT Bank BRI
- Developed **APIs** for the BRIMO app, enabling it to efficiently handle 4,800 RPS. Implemented a **Redis**-based queuing mechanism and worker tasks, using **Gin** framework in **Go** and **MySQL** framework **GORM**, deployed on **GCP**
- Developed a notification service for the Stroberi Tagihan App using **Echo** framework in **Go**. Implemented email & SMS notifications with SMTP & SMS Gateway, and managed bulk messaging asynchronously with **Kafka**, reducing latency by 90% based on internal benchmarks
- Optimized an internal URL shortener tool with **Server-Sent Events**, **Redis Pub/Sub** and using **Fiber** framework in **Go**, reducing response times by 50-60x based on internal benchmarks

Software Engineer Intern | PT Multipolar Technology Tbk
Tangerang, Indonesia (2020 – 2022)

GO, APACHE KAFKA, MONGODB, ISO 8583

- Developed high-performing **microservices** in **Go**, facilitating thousands of daily BI-FAST Payment transactions for commercial banks
- Worked with the QA team, integrate 2 microservices using **Kafka**, achieving 100% success rate in **unit tests**
- Designed **APIs** using **JSON** and **ISO 8583** formats, coupled with a **MongoDB**-based logging system for enhanced data monitoring

TOURISM WEB APP & MOBILE

PHP, MYSQL, BASIC4ANDROID, AZURE

- Delivered backend development using **PHP** and **MySQL**, achieving an 84% user satisfaction rate
- Employed **MVC** architecture and **waterfall** methodology in a **GIS** tourism app, with **CRUD** and **REST API** functionalities with the **CodeIgniter** framework and **Google Maps API** to perform spatial functionalities
- Utilized **CI/CD** best practices using GitHub Action and deployed the application on **Microsoft Azure App Service**

SETERNAK WEB APP

PHP, MYSQL, AZURE

- Developed a web app integrating farming activities from Small & Medium Businesses (SMB) farms with a B2B marketplace using **Figma**, **PHP** and **MySQL**
- Resulting in a 20-25% decrease in poultry product prices
- Secured 4th position nationally in a startup idea competition by the Ministry of Education and Culture of the Republic of Indonesia
- Utilized **CI/CD** best practices using GitHub Action and deployed the application on **Microsoft Azure App Service**