

RAHMAT HANAFI

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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.

TECHNICAL SKILLS

Back End | Golang, PHP, SQL, Redis, Apache Kafka, MySQL, PostgreSQL, MongoDB, CodeIgniter, Laravel

Front End | JavaScript, HTML5, CSS3, jQuery, Figma

Testing/Deployment | Azure, Google Cloud Platform, CI/CD, Jenkins

Developer Tools | Git, GitHub, Microservices, Mono repo, GIS, RESTful APIs, Networks, Concurrency

EXPERIENCES

Backend Engineer | PT. Diksha Teknologi Indonesia (Client: PT Bank BRI)

May 2023 - Present

Go, Redis, MySQL, GCP

Jakarta, Indonesia

- 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

Nov 2020 - Mar 2022

Go, Apache Kafka, MongoDB, ISO 8583

Tangerang, Indonesia

- 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

PROJECTS

Web Developer, Full-Stack | Tourism Web App & Mobile

PHP, MySQL, Basic4Android, Azure

[Website](#) | [GitHub](#) | [Report](#)

- 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**

Web Developer, Full-Stack | Seternak Web App

PHP, MySQL, Azure

[Website](#) | [GitHub](#)

- 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**

EDUCATION

Andalas University - Bachelor of Computer, Information Systems, GPA 3.7

December 2022