RAHMAT HANAFI

Indonesia, 25155 (Open to Remote) | +62 812-6736-3303 |personal.rahmathanafi@gmail.com
linkedIn.com/in/rahmathanafi|github.com/j03hanafi|j03hanafi.live

I'm a software engineer and recent university graduate with a Bachelor's degree in Information Systems. My focus has been on back-end development. I have hands-on experience building microservices using Golang, Apache Kafka, and MongoDB. I have also built web applications using PHP, MySQL, and Azure App Service.

EDUCATION

Andalas University - Bachelor of Computer, Information Systems, GPA 3.7   December 2022

TECHNICAL SKILLS

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

EXPERIENCE & PROJECTS

Software Engineer Intern | PT Multipolar Technology Tbk   Nov 2020 - Mar 2022

Go, Apache Kafka, MongoDB, ISO 8583   Tangerang, Indonesia

- Delivered a reliable and high-performing payment channel microservices to handle thousands of daily transactions by Indonesia-based commercial banks supporting BI-FAST Payment
- Developed and integrated 2 microservices using **GoLang** and **Apache Kafka** through remote collaboration and incorporating feedback from the team leader
- Worked closely with the Quality Assurance (QA) team to build and run comprehensive unit tests using **Go**, ensuring a 100% success rate and reducing the number of bugs
- Implemented APIs that received and sent transaction messages in **JSON** format via **HTTP** and **ISO 8583** format via **TCP**. Successfully parsed messages into internal format
- Created a logging service using **MongoDB** to record each transaction message, capable of handling an estimated daily volume of thousands of transactions

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

PHP, MySQL, Basic4Android, Azure   *Website | GitHub | Report*

- Contributed to the project's success by delivering high-quality, efficient and scalable code resulting in increased user engagement and positive feedback from stakeholders resulting in an 84% user satisfaction rate
- Utilized waterfall software development methodologies to design, develop and implement a full stack **Web App** and **Android** Geographic Information System (**GIS**) Application for the Kampung Minang Nagari Sumpu Tourism Village
- Conducted extensive research, analysis and stakeholder interviews to identify system, user and data requirements
- Developed the application using **Model-View-Controller** architecture and implemented **CRUD** and **REST API** with the **CodeIgniter** framework and **Google Maps API** to perform spatial functionalities on the database and present spatial data on the map
- Utilized Continuous Integration/Continuous Delivery (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*

- Designed and developed a web app that integrated farming activities from Small and Medium Businesses (SMB) farms with a B2B marketplace, mentoring, forum and information features using **Figma**, **PHP** and **MySQL**
- Conducted extensive user research, collaborated and communicated with cross-discipline teams to create an intuitive and user-friendly UI and tested it directly with users resulting in an estimated decrease in poultry product prices by 20-25%
- Secured 4th position nationally among 14 teams in a startup idea competition in the field of culture, organized by the Ministry of Education and Culture of the Republic of Indonesia
- Utilized Continuous Integration/Continuous Delivery (CI/CD) best practices using GitHub Action and deployed the application on **Microsoft Azure App Service**