Rahmat Hanafi

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EXPERIENCES

PT MULTIPOLAR TECHNOLOGY TBK   **Tangerang, Indonesia**
Software Engineer Intern   *November 2020–March 2022*

- Built a payment channel microservices to send and receive transaction data from Indonesia-based commercial bank supporting BI-FAST Payment using **GoLang**, **Apache Kafka**, **ISO 8583**, and **MongoDB**
- Developed and integrated 2 **microservices** through remote collaboration and incorporating feedback from the team leader based on the design
- Collaborated with the Quality Assurance (QA) team to build and run unit tests using **Go**, ensuring that all tests passed with a 100% success rate
- Implemented **APIs** that received and sent transaction message in **JSON** format via **HTTP** and **ISO 8583** format via **TCP**, then 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

PROJECTS

TOURISM WEB APP & MOBILE (*Website*, *GitHub*, *Report*)
PHP, MySQL, Basic4Android, Azure

- Built a full stack Web and **Android** Mobile Geographic Information System (**GIS**) Application for the Kampung Minang Nagari Sumpu Tourism Village using **Figma**, **PHP**, **MySQL**, and **Basic4Android**. Incorporated waterfall software development methodologies.
- Designed and analyzed system, user, and data requirements through observation of the tourism village, interviews with tourist and tourism village manager, and study research. Resulted in a user satisfaction rate of 84%
- Developed using **Model-View-Controller** architecture implemented **CRUD** and **REST API** with **CodeIgniter** framework and **Google Maps API** to perform spatial functionalities on database and presenting spatial data on map
- Continuous Integration/Continuous Delivery using GitHub Action and deployed on cloud using **Microsoft Azure App Service**

SETERNAK WEB APP (*Website*, *GitHub*)
PHP, MySQL, Azure

- Designed and created a web app which integrated farming activities from Small and Medium Businesses (SMB) farm with a B2B marketplace, mentoring, forum and information features using **Figma**, **PHP** and **MySQL**. Resulting in an estimated decrease in poultry product prices by 20-25%.
- Collaborated and communicated with cross-discipline teams, performed user research, made UI, and tested directly with users
- Placed 4th 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
- Continuous Integration/Continuous Delivery using GitHub Action and deployed on cloud using **Microsoft Azure App Service**

EDUCATION

ANDALAS UNIVERSITY   **Padang, Indonesia**
Bachelor of Computer in Information Systems (GPA: 3.7/4.0)   *December 2022*

SKILLS

- Golang | PHP | JavaScript | HTML5 | CSS3 | jQuery | SQL | Python | Java | C | C++ | BASIC | MySQL | MongoDB | PostgreSQL | Azure| Git | GitHub | CodeIgniter | Apache Kafka | Laravel | NoSQL | Relational Databases| RESTful APIs | Linux | GIS
- Monorepo | Micro-services | Backend | Frontend | Full Stack | CI/CD | MVC | Cloud | Full Stack| Data Structures and Algorithms | Databases | Object Oriented Development | OOP | Networks | Concurrency | Web Technologies | Mobile Development | Software Development | User Interface | Unit Testing | SDLC