Josep Marcello — Software Engineer

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Working Experience

Tiket.com
Internship, June 2022–now
Backend Engineer
- Tech stack: Java, Maven, Spring Boot, MongoDB

Kenangan.com
Part time, December 2021–May 2022
Junior Backend Engineer
- Tech stack: Node.js, Fastify.js, MySQL, Sequelize.js
- Create APIs for Kenangan's app
- Created a daemon to download videos from third-party content bucket to Kenangan's S3 bucket
- Redesigned and rewrote the database

ITB's Infomatics Distributed System Laboratory
Full time, July 2021–now
Laboratory Assistant
- work with 8 other assitants to create tasks and projects for 4 courses with around 160 students each

CoLearn
Internship, September 2020–February 2021
Data Analyst
- Optimized machine learning algorithm by evaluating over 10,000 pictures from machine learning prediction
- Helped optimize my team's workflow by creating a Python script to automatically download JSON data from an API and parse it into a CSV file

Wardaya College
Internship, July 2020–August 2020
Software Engineer
- Tech stack: Python Flask, MySQL
- Developed a new e-learning platform with 3 other software engineers
- Administrated a Moodle-based LMS with 3 other software engineers

Skills

Programming languages	TypeScript, Go, Java, Python, C, Rust, Kotlin, JavaScript, C++, C#, PHP
Frameworks	Express.js, React.js, Tailwindcss, Svelte.js, Vue.js, Spring Boot
Development tools	SQL Databases, Git, Docker, Redis, Linux, GitHub & GitLab CI/CD, GNU Make
Languages	Indonesian (native), English (fluent)

Projects

Mile Zero Project 2.0 Website
A website to promote IEEE ITB Student Branch's competition and for participants to sign up and submit their work.
Tech stack: TypeScript, PostgreSQL, Prisma.js, Vue.js, Docker, Terraform.

Dorayaki Store
E-commerce app for a fictional company. Made up of 3 services.
Tech stack: Vanilla PHP 8, Java, React.js, Tailwindcss, Fastify.js, Prisma.js, TypeScript, PostgreSQL, Redis, Docker.

Nisbi.id
A Google Drive-like app created as one of Radya Labs' projects.
Back end tech stack: Go, Fiber, Gorm, PostgreSQL.

Education

Bandung Institute of Technology—Bandung, Indonesia
Bachelor of Computer (Informatics Engineering)
GPA: 3.56/4.00
Finished Courses:
- Software Project
- Parallel and Distributed System
- Database Management
- Machine Learning

Organizational Experiences

TODO

Achievements

TODO