

# Josep Marcello

— Software Engineer

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## Working Experience

- Backend Engineer** (Internship) Tiket.com | June 2022—now
- Tech stack: Java, Maven, Spring Boot, MongoDB
- Junior Backend Engineer** (Part time) Kenangan.com | December 2021—May 2022
- 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
- Laboratory Assistant** (Part time) ITB Distributed System Laboratory | July 2021—now
- work with 8 other assistants to create tasks and projects for 4 courses with around 160 students each
- Data Analyst** (Internship) CoLearn | September 2020—February 2021
- 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
- Software Engineer** (Internship) Wardaya College | July 2020—August 2020
- 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

<b>Programming languages</b>	TypeScript, Go, Java, Python, C, Rust, Kotlin, JavaScript, C++, C#, PHP
<b>Frameworks</b>	Express.js, React.js, Tailwindcss, Svelte.js, Vue.js, Spring Boot
<b>Development tools</b>	SQL Databases, Git, Docker, Redis, Linux, GitHub & GitLab CI/CD, GNU Make
<b>Languages</b>	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                | • Database Management |
| • Parallel and Distributed System | • Machine Learning    |

## Organizational Experiences

TODO

## Achievements

TODO