

Jaycy Ivan Bañaga

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

EDUCATION

Rizal Technological University
Bachelor of Science in Computer Engineering

Jul 2025
Mandaluyong City, Philippines

EXPERIENCE

Software Development Intern

JFE Techno Manila, Inc.

Feb 2025 – Mar 2025

Pasig City, Philippines

- Assigned in MBI Project to help developers' tasks in full-stack development.
- MBI is a platform that tracks employee activities, analyzes performance metrics, and provides insights to boost productivity and guide informed decisions.
- Collaborated in a full-stack development environment using FastAPI and Vue, applying Agile practices and building hands-on experience in professional team workflows.
- Applied Git version control to manage codebases effectively and support collaborative development with regular employees and co-interns.

SKILLS

Languages: C, Python, HTML, CSS, Javascript, Typescript, Go

Frameworks: FastAPI, React, Vue, Tailwind CSS, Gin

Databases: PostgreSQL, MySQL

Tools & Platforms: Git, Docker, Supabase, Linux, Windows

Others: RESTful API, GraphQL

PROJECTS

GoMailIt

- Created a terminal-based email client in **Go** using the **Gmail API** and **OAuth2** for secure message delivery with attachments.
- Designed with **Cobra CLI** for intuitive commands and supports multipart uploads for diverse file types.
- Supports multiple recipients, attachments, and inline files, enabling secure and automated email workflows.

Simple Job Aggregator

- Developed a **Go** backend using **Gin** that interfaces with the **JSearch API** via RapidAPI, implementing structured request and response models to aggregate and deliver job listings efficiently.
- Built a **React** web application using **TypeScript**, **Vite**, and **Shadcn-UI** components, **designing reusable components** and managing **asynchronous data fetching** and application state to provide a user-friendly job search experience while optimizing performance with lazy loading and code splitting.

RTU AI Information and Appointment System

- Developed and deployed a **multi-functional kiosk application** for a college department using a Raspberry Pi, designed as a centralized hub for information access, campus navigation, and appointment scheduling.
- Built the system using **React**, **TypeScript**, **Python**, **FastAPI**, **Tailwind CSS**, **Shadcn-UI**, and **RESTful API** architecture.
- This project fulfilled the thesis requirement for the completion of my Bachelor's degree.