

Jaycy Ivan A. Bañaga

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EDUCATION

Rizal Technological University
Bachelor of Science in Computer Engineering.

Jul 2025
Mandaluyong City

EXPERIENCE

Software Developer Intern

JFE Techno Manila Inc.

Feb 2025 – Mar 2025
Pasig City

- Assigned in MBI Project to help developers' task 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

- | | | | |
|--------------|--------------|---------------|---------------|
| • C | • Typescript | • TailwindCSS | • MySQL |
| • Python | • FastAPI | • Git | • PostgreSQL |
| • Go | • Vue | • Docker | • RESTful API |
| • Javascript | • React | • Linux | • 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 robust 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 modern React web application using TypeScript, Vite, and Shadcn-UI components, designing reusable components and managing asynchronous data fetching and application state to provide a smooth, user-friendly job search experience while optimizing performance with lazy loading and code splitting.

RTU AI Information and Appointment System

- Designed and deployed a multi-functional kiosk application for the college department using a Raspberry Pi.
- The system served as a central hub for information, campus navigation, and appointment scheduling.
- This project fulfilled the thesis requirement for the completion of my Bachelor's degree.

FindYourWay

- Developed a campus navigation app with MySQL database integration for secure student access.