

Fabian Miranda

Software Developer

Costa Rica
(+506) 8758 7272
fabianmloaiza@gmail.com
linkedin.com/in/fabian-miranda-loaiza
<https://fabxdev-portfolio.vercel.app/>

Software engineering student with over three years of academic experience across two universities. Passionate about learning new technologies and improving my current skills. Eager to contribute to innovative projects in software development.

WORK EXPERIENCE

Software Developer • Freelancer October 2024 - April 2025 Startup LABOT • Costa Rica

- Architected and implemented a ground-up front end with **Next.js**, **TypeScript**, and Tailwind CSS—migrating away from the Fluidd fork to a bespoke user interface.
- Redesigned and optimized the existing Flask API, adding new endpoints, improving response times, and ensuring robust data synchronization.

Software Developer • Internship April 2024 - July 2024 Startup LABOT • Costa Rica

- Developed a **Python** script and API using **Flask** to enable communication with a Vue.js UI.
- Modified and enhanced Fluidd, an open-source Klipper UI from **GitHub**, to meet specific project requirements.

PROJECTS

LitLink February 2025 Personal Project

- Developed a swipe-driven book discovery application with end-to-end user and content management, implementing interactive matching logic, and user profiling.
- **Tech Stack:** **Vue**, **Nuxt**, **Ruby on Rails**, **AWS DynamoDB**, **TailwindCSS**, **Render**, **Vercel**.

Traffic Ticket Management System October 2024 Academic Project

- Built a scalable backend system for traffic ticket issuance and tracking, deployed on **Azure App Services** with API Management, reducing response times by 30% via automated workflows.
- **Tech Stack:** **.NET**, **Entity Framework**, **SQL Server**, **Azure SQL Database**, **Google Maps API**, **Nodemailer**, **React**, **Vercel**.

SKILLS

Programming Languages

- Java
- Python
- Ruby
- SQL
- TypeScript

Libraries & Frameworks

- Node.js
- React.js
- TailwindCSS
- Vue.js

Tools & Platforms

- AWS
- Git - GitHub
- Linux

Languages

- English - C1
- Spanish - Native

EDUCATION

Bachelor's in Software Engineering

Universidad CENFOTEC
San Jose, Costa Rica
September 2023 - Present

Bachelor's in Computer Software Engineering

Tecnológico de Costa Rica
Cartago, Costa Rica
January 2022 - July 2023