

# Juan Samuel Langarica Mejía

Software Engineer

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## 👤 PROFILE

I'm a full-stack developer who enjoys building reliable tools, especially in finance and SaaS environments. From crafting intuitive Flutter apps to designing robust backend systems with PostgreSQL, I focus on creating software that real people and teams can depend on. I care about clean code, thoughtful architecture, and working with people who love solving problems as much as I do.

## 📁 PROFESSIONAL EXPERIENCE

### Software Developer

Feb 2025 – Present

Zell Enterprise 🔗

Financial technology company building AI-driven tools to optimize portfolio management and enhance customer support.

- Designed and developed a cross-platform mobile app using Flutter (iOS and Android), covering UI/UX, business logic, and API integration.
- Co-developed an internal AI assistant using Python and FastAPI with a Retrieval-Augmented Generation (RAG) pipeline, helping employees resolve customer queries more efficiently via internal tools and APIs.
- Designed and implemented a backend service for deploying finance-specific AI agents, each equipped with domain tools to automate expert-level guidance for end users.

### Full Stack Developer

Jan 2024 – Feb 2025

Roi Tech 🔗

Developed B2B solutions to automate internal processes and empower clients with efficient tools.

- Built and maintained client platforms and internal automation tools using Flutter, with a focus on usability for non-technical users.
- Developed backend services using PostgreSQL and Drizzle ORM, enabling type-safe data access and robust performance.
- Contributed to API design and business logic implementation, collaborating on scalable and secure database schemas.
- Participated in technical interviews and candidate evaluations, helping to uphold engineering quality standards

## 🎓 EDUCATION

### Software Engineering with minor in Computer Graphics

Universidad Panamericana

## 📁 PROJECTS

### Booking SaaS 🔗

Creator & Full-Stack Developer

Building Barbania, a cross-platform SaaS application aimed at helping local businesses streamline booking and staff management.

- Developed the MVP with Flutter and Supabase.
- Designed a clean, brand-aligned UI and visual identity.
- Integrated Stripe for automated subscription billing and webhook-based status updates.
- Currently extending functionality with features like client notifications via WhatsApp and enhanced admin tools.
- Self-hosted infrastructure with automated Git-based deployment

## 🧠 SKILLS

PostgreSQL, Flutter, Python, Docker, Git, Drizzle ORM, UI/UX Design, Java, Unity Game Development, C#, Dev Ops, C++, Stripe API, Spanish-English Communication, Collaboration, Time Management, Leadership

## 🌐 LANGUAGES

English (TOEFL C1)

French (DEL F B2)

Spanish (Native)