Jahat Jassiel Trinidad Leon

Software Engineering Intern · Frontend & Full Stack
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PROFILE

Software Engineering student at UPC (6th semester) who designs and builds complete products: web interfaces with **Vue**, **React** and **Astro**, APIs with **Spring Boot** and **ASP.NET Core**, and native apps in **Kotlin**. Three years as a graphic designer give me a visual and product sense that is rare in a technical profile. I have shipped 10+ projects, from a SaaS built on a team of five to a catalog in production for a real client. Looking for a **software engineering internship** in frontend or full stack development, **available full-time** on a schedule arranged around my university classes (on-site, hybrid or remote).

EDUCATION

Universidad Peruana de Ciencias Aplicadas (UPC) 2024 – Present
B.S. in Software Engineering, 6th semester (expected graduation: 2028) Lima, Peru
Relevant coursework: Web Applications, Open Source Application Development, Software Design and Patterns, Database Design, HCI and Mobile Technologies, Algorithms and Data Structures, Requirements Specification and Analysis.

PROJECTS

Viora · SaaS platform for olive growers 2026
Full Stack Developer, team of 5 Demo · Code
- Harvest planning with a web app and two mobile apps (growers and cooperatives) on one shared API.
- **Web (Vue):** shared layout and navigation, English/Spanish i18n, alerts, and a redesigned sign-in and onboarding.
- **Backend (Spring Boot, PostgreSQL):** a **Spring AI** assistant, cooperative memberships and harvest settlements.
- **Mobile:** offline-first harvest settlements that sync later on **Android (Kotlin)**; alerts and plot records in **Flutter**.

Inspiration Garden · A reference library for people and AI agents 2026
Personal product: product, design and code Demo · Code
- From first commit to version 1.0 in **46 days**; in daily use with about 190 items.
- API built with **Hono** on **Cloudflare Workers**, **D1** and **R2**, validated with **Zod**; frontend in **React** and **three.js**. AI agents (Claude Code, Codex) write through the same API with owner-issued tokens.

Bionutricel Catalog · Client work 2026
Solo developer bionutricel.com/catalogo
- Product catalog in production for a natural health store in Puno: browse by need, categories, and orders through WhatsApp. Built with **Astro** and **Vue** on **Cloudflare Workers** and **D1**.

Willay · Early warning system 2026
Challenge for Change hackathon, UPC
- **Python** (FastAPI) services for sensor ingest over **MQTT**, indicator analysis on **PostgreSQL**, and signed alerts (CAP) with a panel per stakeholder, run with **Docker Compose**.

More: *Mink'a* (barter app, Kotlin + Jetpack Compose), *ASM8* (assembly simulator, Svelte + Web Workers), *Queens* (Next.js + Cloudflare), *coursera-clone* (C++ with AVL trees, hash tables and graphs). All at jahattrinidad.com.

TECHNICAL SKILLS

- **Frontend:** TypeScript, JavaScript, Vue, React, Astro, Next.js, Svelte, Tailwind CSS, HTML/CSS, web accessibility.
- **Backend & data:** Spring Boot, ASP.NET Core (C#), Node.js, Python, REST APIs, PostgreSQL, SQL Server.
- **Mobile:** Kotlin, Jetpack Compose, Flutter.
- **Cloud & tools:** Docker, Cloudflare (Workers, D1, R2), Git (GitFlow), GitHub Actions, Linux, Figma.
- **Foundations:** data structures and algorithms (C++), layered architecture (DDD), Scrum and Kanban.

EXPERIENCE

Computer Science Teacher · *Adventist School, Madre de Dios* Mar – Dec 2023
- Designed and taught an introductory course on web development and content creation tools for high school students.

Video Surveillance Officer & Community Manager · *Municipality of Oxapampa* Aug 2022 – Feb 2023
- Monitored 30+ cameras with daily incident reports, and ran the social media of the Public Safety office.

Graphic Designer (part-time, remote) · *Bionutricel, Oxapampa* Dec 2019 – Nov 2022
- Built the brand from market research up, then designed its social media content and print materials.

LANGUAGES & ACTIVITIES

Spanish (native) · English (advanced, EF SET C2) · Portuguese (basic, A2)
UPC Polyphonic Choir (2024 – Present) · Youth Environmental Promoter (Oxapampa, 2023, 100 h).