

Fabián Fernández Gálvez

Software Engineer · Full-Stack Developer

Havana, Cuba · +53 5841 2294 · fernandezfabian2003@gmail.com
buildbyfabi.dev · github.com/Fabian1820

PROFILE

Software engineer graduated from CUJAE, with a year of experience building full-stack web systems in production: React, Next.js and TypeScript on the frontend, FastAPI and MongoDB on the backend. I follow projects from start to finish, from requirements gathering to deployment and maintenance. I am particularly drawn to management software that automates processes still handled by hand. Available for remote freelance work.

EXPERIENCE

Software Developer · SunCar

August 2025 — Present

Small business specialised in photovoltaic equipment installation. I am part of, and co-lead, a three-developer team responsible for all of the company's internal software.

- Built the administrative management and accounting system with React/Next.js, FastAPI and MongoDB: crew and service tracking, material management with kardex, cost sheets, and PDF and Excel report generation.
- Designed and developed the corporate site suncarsrl.com in Next.js.
- Automated operational processes previously handled manually in spreadsheets.
- Full cycle: requirements analysis, architecture, implementation, version control with Git and deployment with Docker.

PROJECTS

Trimio — Nuxt, FastAPI, MongoDB

My own product, with an open demo: a booking SaaS for barbershops. Each business gets a public page with its own brand, services and hours, and manages appointments, staff and gallery from a dashboard.

Photovoltaic Digital Twin — React, FastAPI, MongoDB — Thesis project

Web platform to manage, forecast and monitor a photovoltaic microgrid, designed around a configurable rule set so it can integrate with different APIs and adapt to very different deployment scenarios.

Llegó — Astro, Svelte, Kotlin

AI-assisted shopping platform for restaurants, clothing and groceries, with a native Android app for the merchant side.

ShellBox Encargos — Astro SSR, Svelte, MongoDB, S3

Site and dashboard for an agency that buys from US stores and ships to Cuba: a stock catalogue backed by MongoDB, an admin panel with JWT sessions and image uploads to S3.

Golazo — Python, scikit-learn, Flask

Probability model for the five big European leagues, rebuilt after measuring that the first version learned from the very match it was predicting: a walk-forward backtest over 12,553 unseen matches and a ledger that signs every forecast before kick-off.

Panel SOM — Java, JavaFX — team project

Self-organizing maps over any numeric CSV, with three topologies, a U-matrix and automatic hyperparameter search. 100 tests and continuous integration.

EDUCATION

BSc in Computer Engineering — Technological University of Havana “José Antonio Echeverría” (CUJAE)

2026

Artificial Intelligence Certification — CUJAE

2026

TECHNICAL SKILLS

Languages TypeScript, JavaScript, Python, Kotlin, Java

Frontend React, Next.js, Astro, Svelte, Nuxt, Tailwind CSS, shadcn/ui, HTML, CSS

Backend FastAPI, Node.js, REST APIs

Data MongoDB, pandas, scikit-learn

Tooling Git/GitHub, Docker, Claude Code, Vercel, Railway, Figma

Practices Requirements gathering, architecture, testing and debugging, security by design, teamwork

Languages spoken Spanish (native), English (A2, improving)