

SANTIAGO FERNANDEZ SOMELLERA

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EDUCATION

Tecnológico de Monterrey — B.S. in Computer Science and Technology

GPA: 3.9/4.0 | Guadalajara, Mexico

Expected 2028

Lonsdale Institute — Certificate IV in Entrepreneurship and Business

Sydney, Australia

Feb 2024 – Jun 2024

EXPERIENCE

Vertikal — Software Developer

Aug 2026 – Present

- Build and maintain the company website and internal software tools that support real-estate project operations, translating business requirements directly into shipped features.
- Partner with business stakeholders to scope technical requirements, turning operational needs into functional interfaces and digital workflows that reduce manual coordination work.

Vertikal — Project Development & Operations Associate

May 2025 – Jun 2026

- Organized operational documentation and internal workflows across multiple concurrent real-estate projects, improving consistency and traceability of project information.
- Coordinated with internal teams and external stakeholders to track requirements and keep day-to-day execution on schedule, serving as a communication bridge between technical and business sides.

CADU Residencial — Software & Real Estate Development Intern

Sep 2024 – Dec 2024

- Supported digital and property-development initiatives for the Entrebosques project, contributing to website, software, and project-information workstreams.
- Worked alongside real-estate teams to identify operational needs and improve reporting and information workflows, strengthening data reliability for decision-making.

INDUSTRY PARTNER & ACADEMIC PROJECTS

Kueski Smart Widget — Kueski Pay Chrome Extension

JavaScript

- Developed a browser-based financial assistant in partnership with Kueski, surfacing real-time coupons and account information to users as they browse online retailers.

Volunt-App — Banco de Alimentos de Guadalajara Mobile App

React Native · Expo

- Designing a volunteer-management app for BAMX using a client-driven product workflow, digitizing registration, shift assignment, attendance tracking, and volunteer-hour administration for a food bank serving the Guadalajara community.

PaniniXchange

React · FastAPI · PostgreSQL · JWT

- Built a full-stack marketplace for 2026 World Cup sticker collectors, implementing authentication, album tracking, proximity-based matching, trade negotiation, reputation scoring, interactive maps, and premium subscription flows.

TECHNICAL PROJECTS

LLM Arena

Next.js · TypeScript · PostgreSQL · Prisma

- Built a full-stack platform that streams multiple LLM responses side by side in real time, recording user votes and performance metrics; integrated OpenRouter for model access, Clerk for authentication, and PostHog for product analytics.

Architectural Visualization (AV)

React · TypeScript · Gemini · Puter.js

- Building an AI-powered application that converts uploaded 2D floor plans into top-down 3D room renders using the Gemini API, with authentication, cloud storage, project persistence, and a Vercel-deployed public gallery.

Along

React Native · Expo · TypeScript · Supabase · Mapbox

- Developed a mobile app that matches university students for shared walks based on route overlap, departure time, and social preference, with live maps, app-lifecycle management, trip history, and user profiles.

Breeze — Animated Cocktail Website

React · GSAP · Vite · JavaScript · CSS

- Designed and developed a responsive, motion-driven website using GSAP scroll animations, layered image and text transitions, and interactive navigation with reusable React components; deployed on Vercel.

SKILLS

Languages: TypeScript, JavaScript, Python, C++, SQL, HTML, CSS

Frameworks: React, Next.js, React Native, Expo, Tailwind CSS, FastAPI, GSAP

Platforms & Tools: Vite, PostgreSQL, Prisma, Supabase, Git, GitHub, Vercel, Mapbox, OpenRouter

Design: UI/UX design, responsive interfaces, motion and interaction design

Spoken Languages: Spanish (native), English (fluent), French (fluent)