

Sergio Calderón

Software Engineer

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EXPERIENCE

Co-Founder & Full-Stack Developer · [NeuroFlow AI](#) 2025 – Present

- Co-founded NeuroFlow AI, a technology startup focused on AI-powered SaaS products for businesses across LATAM.
- Contributed to the full-stack development of [tuagenda.digital](#), a scheduling and CRM platform with WhatsApp AI agent integration; involved in architecture, CI/CD, customer acquisition, and product strategy.
- Participated in the development of Solvencia, an AI-powered personal finance application for automated financial analysis and recommendations using React Native and API integrations.
- Designed lead acquisition workflows using Google Maps scraping, outreach sequences, and Meta Ads strategies.

Software Development Intern · [Comercializadora Frangrit](#) Jun – Sep 2025

- Customized Odoo modules (XML, Python, JavaScript, SQL), optimizing internal workflows and improving data consistency.
- Developed a price verification kiosk with real-time inventory synchronization and a responsive product catalog.
- Generated strategic reports using Power BI and Excel; managed WordPress websites.

PROJECTS

[TuAgenda Digital](#) — Next.js · TypeScript · Supabase · OpenAI · WhatsApp API

- Intelligent scheduling SaaS platform for local businesses, allowing customers to book appointments through conversational AI agents via WhatsApp.
- Built a multi-tenant architecture with integrated CRM, service/staff management, real-time availability, and a complete admin dashboard.
- Currently focused on lead generation and customer acquisition in Guadalajara to scale the product.

[Productivity App \(iOS — Swift\)](#) — Swift · SwiftUI · Supabase · Google Services

- Native iOS productivity application developed with Swift and SwiftUI, focused on personal task and habit management.
- Integrated external services including Firebase authentication and notifications, real-time data with Supabase, and Google Services.
- Currently under active development using MVVM architecture and a user experience-oriented design approach.

[Data Pulse](#) — Django REST · React · PostgreSQL · ML · JWT

- Full-stack business intelligence platform featuring real-time analytics dashboards, machine learning pipelines using Scikit-learn/Pandas, and JWT authentication.
- Developed a scalable REST API using Django REST Framework and a React + Tailwind CSS frontend.

[Synapse AI](#) — Python · Flask · OpenAI · PostgreSQL

- AI chatbot integrated with the OpenAI API, featuring conversation history management and robust security implementations (rate limiting, CORS).

SKILLS

Lenguajes: TypeScript, Python, JavaScript, Swift, SQL, Bash

Frontend: React, Next.js, Tailwind CSS, SwiftUI, HTML/CSS

Backend: Node.js, Django, Flask, REST APIs, Next.js API Routes

Databases: PostgreSQL, Supabase, MySQL, Redis

AI / LLM: OpenAI API, LangChain, LLM Engineering, AI Agents, Prompt Engineering

Tools: Git, GitHub, Docker, CI/CD, Vercel, Linux, Power BI

Mobile: Swift, SwiftUI, Firebase, Google Services

EDUCATION

Computer Systems Engineering · [Universidad del Valle de México \(UVM\)](#)

Ago 2023 – Jun 2027

Zapopan, Jalisco, MX

LANGUAGES

Spanish — Native

English — Intermediate-Advanced (B2)

CERTIFICATIONS

- Cisco: Introduction to Cybersecurity, Networking Basics, Python Essentials
- Microsoft: Azure Fundamentals (AZ-900)
- Platzi: Full-Stack Development, Backend con Python