

SEBASTIAN ALEJANDRO

SOTO RIVERA

FULL STACK SOFTWARE ENGINEER | ENTERPRISE
SOLUTIONS SPECIALIST (SAAS & ERP)

Transforming complex processes into scalable, high-impact digital tools.

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Managua, Nicaragua

EDUCATION

Keiser University

2025- Present

BS in Software Engineering

Web50x Nicaragua

Feb. 2024 - Jun. 2024

Full Stack Web

Development

CS50x Nicaragua

Jul. 2023 - Dec. 2023

Computer Science

Fundamentals

SKILLS

- **Backend:** Laravel, Go, .NET Core.
- **Frontend:** React (Native/Web), SvelteKit.
- **DBMS:** PostgreSQL, Redis.
- **DevOps & ERP:** Docker, Github Actions, Odoo.

PROJECTS

- **ProActive Technical Demo (National Hackathon Winner 2025):** A web application for business management of SMEs dedicated to the purchase and sale of products, featuring AI integration. Website: pro-active-web.vercel.app
- **ProActive App (Expo 2026):** Continuation of the hackathon project including Web and Mobile applications with deep AI service integration. Video Demo: youtu.be/O2B-wj7Jh8g
- **Tebas Group Website:** SEO-friendly website built with Astro and hosted on Cloudflare Pages. Website: tebasconstrucciones.com

WORK EXPERIENCE

Full Stack Software Engineer | Odoo & Laravel Expert | .NET & React Native Developer SEIT

SEIT, Jan. 2025 - Present • Freelance

- **ERP Ecosystem Architecture:** Participated in the design and development of custom Odoo modules for high-complexity sectors (Medical Systems, Workshops, and Restaurants), achieving full digitalization of operational processes and centralization of critical data.
- **Backend Modernization & Scalability:** Transformed Odoo's monolithic infrastructure by creating a custom backend service layer (Laravel / ASP.NET), extending capabilities via API to support more flexible microservices architectures.
- **UX Optimization:** Developed high-performance client-facing interfaces using Expo (Mobile, SPA) and SvelteKit (Web), achieving seamless integration with the ERP core and reducing response times for end-users in mobile environments.

Teaching Assistant (CS50 & Web50)

Code-Fu, Feb. 2024 - Aug. 2025 • Volunteer

- **Technical Mentorship & Code Review:** Supervised code quality and algorithmic logic for students on Full Stack projects, ensuring compliance with security standards, efficiency in C/Python, and best practices in React/Django architectures.
- **Logic & Architecture Optimization:** Facilitated the resolution of complex technical problems, ranging from critical memory management and data structures to the deployment of scalable web applications with API and relational database integration.
- **Technical Learning Leadership:** Guided the development of modern software development competencies and CS fundamentals, translating complex programming and system design concepts into practical, functional solutions.