

JORGE ALEJANDRO SANDOVAL ROMO

EARLY-CAREER SOFTWARE ENGINEER | TYPESCRIPT · REACT NATIVE · PYTHON

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PROFILE

Early-career software engineer with hands-on experience building mobile, web, and internal business applications using TypeScript, React Native, Next.js, and Python. Three national hackathon placements, including 1st place at Ethereum México. UABC degree requirements completed; degree issuance pending. Bilingual English/Spanish and open to junior software, QA automation, application support, and technical IT roles.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, Java, SQL | **Frontend/Mobile:** React, React Native (Expo), Next.js, Tailwind CSS
Backend/Data: Node.js, Django, FastAPI, PostgreSQL, Firebase, Redis | **Cloud/QA/Tools:** AWS, GCP, Docker, Git, Linux, Selenium, TestNG

EXPERIENCE

Pitch Jams | Founding Software Engineer — Part-Time Equity Startup Project Remote (Canada) · Oct 2025–Present

- Built the beta mobile and web application in an Expo monorepo targeting iOS, Android, and web from one React Native/TypeScript codebase; prepared releases through TestFlight and Google Play Console.
- Designed access-control logic for four subscription plans and contributed Django REST API endpoints, data models, and authentication flows.

Directive Consulting | Information Technology Intern Remote (Mexico) · May 2025–Oct 2025

- Built an internal asset inventory system with Next.js, Firebase Auth, Firestore real-time queries, and Google SSO.
- Integrated the Google Workspace Admin SDK through Cloud Functions for employee management and role-based access control.

Universidad Autónoma de Baja California | Software Developer — Social Service Tijuana, Mexico · Aug 2024–Feb 2025

- Developed a React/Express/PostgreSQL student tracking system for psychopedagogists; implemented JWT authentication, resolved stability issues, and documented the system for future maintainers.

EDUCATION AND CREDENTIALS

Universidad Autónoma de Baja California Tijuana, Mexico · 2021–2026

B.Eng. in Software and Emerging Technologies — degree requirements completed; degree issuance pending

Credentials: DeepLearning.AI TensorFlow Developer (2024) | AWS Academy Cloud Architecting (2025) | EF SET C2 English (2025)

SELECTED PROJECTS AND ACHIEVEMENTS

- **LiquiFi — 1st Place, Ethereum México 2025:** Led development of a decentralized invoice-financing prototype with Next.js and Arbitrum smart contracts for SME liquidity.
- **AxoCred — 2nd Place, Crevolution 2025:** Co-built a B2B credit-renegotiation demo using Gemini conversational AI and real-time voice interaction.
- **Senda — HackFox 2026:** Built accessible pedestrian routing for Tijuana with Next.js, FastAPI, Valhalla, live citizen reports, and profile-aware rerouting.
- **DenialDefender — AMD Developer Hackathon 2026:** Built a multimodal RAG workflow that drafts hospital insurance appeals from synthetic clinical and payer-policy data.