

ALEX SANTIAGO

+524425542904 ◊ México (Open to relocation)

aledev.mx@gmail.com ◊ [linkedin.com/in/alexjamesmx](https://www.linkedin.com/in/alexjamesmx) ◊ alexjamesmx.dev ◊ github.com/alexjamesmx

SKILLS

Languages	JavaScript, Java, Python, SQL/NoSQL
Technologies	Express, React, Angular, Laravel, Spring Boot, React Native, Flutter, PyTorch, Git, LLMs
Certifications	2 AWS AI & Cloud practitioner, Machine Learning Specialization, Google Data Analytics
Soft Skills	Leadership, Teamwork, Adaptability, Proactive, Problem-Solving, Self-Motivated

EXPERIENCE

Amazon — Software Engineer, Mexico City Oct 2024 – Present

- Refactored core **audiobook–ebook synchronization** services and increased test coverage to ensure accurate metadata sync before the publishing phase.
- Integrated into the Audible’s Testing Accounts Service Kindle, Alexa emulators, and customer segment attributes and beta end-to-end support; served 200+ upstream requests weekly across multiple teams.
- Migrated out of region 3 tier-2 services with zero-downtime, by enabling cross-region connectivity, eliminating single-region bottlenecks and reducing AWS costs by **15% monthly**.

Zoho — Machine Learning Engineer (ZLabs), Qro, Mx Apr 2023 – May 2024

- Developed **DeepLog, LogAnomaly, SemPCA** models in **PyTorch**, achieving **0.81 z-score** and cutting manual log analysis from hours to minutes. Built an end-to-end ML pipeline: data ingestion, cleaning, parsing, feature extraction, and sequence encoding; designed modular components to train/evaluate RNN, LSTM, and PCA models.
- Migrated PyTorch models to **Deep Java Library (DJL)**, reducing infrastructure costs by **\$2000/month** and enabling client-side usage.
- Traveled to Chennai, India to present projects to cross-functional team of 6+ engineers. Aligning milestones.

Impactos Digitales — Software Engineer, Qro, Mx Aug 2022 – Feb 2023

- Delivered a **food delivery system** for the Querétaro International Airport, including a React Native app with **menu browsing, payments, and live order tracking**.
- Implemented real-time admin workflows and a **sales metrics dashboard**, enabling data-driven decision-making.
- Re-engineered a **technical inspection system**, migrating from raw PHP to Laravel; automating manual form workflows and delivered **3 months ahead of schedule**.
- Extended a **CANACO government portal** with features supporting **6 user roles**, improving accessibility and adoption.

Freelance — Software Engineer Nov 2022 – Present

- Developed an MPV **activity management system** for Mitsubishi Materials. enabling **task tracking** and **automated email reminders** via cron jobs.
- Automated affiliate marketing for e-commerce via a **Telegram bot**, growing engagement by **50+ users** and driving **5+ sales**. Applied web scrapping, asynchronous calls, and retry mechanisms using Python
- Delivered **5 AI apps in 5 weeks** at HeadstarterAI, including chatbots, image recognition, and a subscription-based app; scaled to **150+ users** with feedback-driven iterations.

HACKATHONS

AI Browser Agent — Won category. Built an AI-powered web scraper for summaries, tags, and images using MERN, Playwright, OpenAI, and CI/CD. ([Demo](#))

FinTech App — 2nd place. Created **FinVents**, a financial transparency platform with MERN stack and LlamaIndex RAG chatbot. (HackMTY 2024, Capital One). ([Demo](#))

EDUCATION

B.S. Software Engineering (GPA 4.0) — Universidad Tecnológica de Querétaro 2021–2024

Diploma, Computer Science — University of Texas at Austin 2023