ANTONIO TORRES

ENGINEERING LEADER

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WORK EXPERIENCE

JUN 2025 - Present (+1 year)

Amazon l amazon.com l Mexico City, Mexico

Software Development Manager (SDM)

As the manager of a new team, I coach and lead 12 engineers across more than 7 projects. My focus is making sure every engineer grows into their projects, takes real ownership, and develops at an accelerated pace compared to other teams.

I lead the adoption of AI agents and skills within the team to speed up how we build and ship. I push everyone to use AI daily, break their assumptions about what it can do, experiment more, document what we learn, and share it across the org.

MAY 2016 - DEC 2024 (9 years)

Eden l edenmed.com l Mexico City, Mexico | Y Combinator S18

CTO & FOUNDER

As CTO and co-founder, I dedicated 8 years driving innovation, creating tools that empower doctors, and improving patient access to vital healthcare services. My role covered a wide range of areas, allowing me to wear many hats, from software development and team leadership to strategic planning and business growth.

- **Entrepreneurship:** Founded a B2B SaaS healthcare company based in Mexico and the United States, operating across Latin America, raising $20M in seed funding and securing an additional $10M in Series A in Q1 2024.
- **Leadership:** Directed strategic pivots that transformed the company through multiple growth stages, evolving from manufacturing wearable devices to retail engineering for breast cancer detection, and ultimately to developing a hybrid on-premise and cloud infrastructure for secure medical device study storage.
- **Engineering:** Defined and implemented the company's tech stack, including Infrastructure as Code (IaC) with Terraform, scalable containerized services on ECS, a Python-powered backend, and a React-based frontend hosted via CloudFront. Designed a robust platform that processes over 2 million medical patient records annually, efficiently managing more than 20 TB of data with 99.9% uptime and exceptional operational reliability.
- **Team Building:** Built and mentored the initial programming teams for frontend, backend, and DevOps, scaling the engineering team to over 8 members. Established and led the field technical team responsible for onboarding over 10,000 users across multiple regions.
- **Communication:** Created and delivered onboarding materials, technical training, and operational processes for internal teams and third-party technicians, enabling the successful implementation of our system at over 1,000 locations.
- **Project Management:** Designed and implemented scalable processes to onboard and train third-party technicians, increasing implementation capacity by 300% while maintaining high quality and customer satisfaction.

LATEST PERSONAL PROJECTS

Magifactura — magifactura.com

Electronic invoicing system compliant with Mexico's SAT tax authority (CFDI). Built for a family business with a scalable architecture designed to onboard additional clients. Integrated a third-party fiscal stamping API and developed the full application using Claude Code with AI agents.

Pellet Smoker Mods with Raspberry Pi

Replaced the stock controller of a commercial pellet smoker with a Raspberry Pi, implementing a custom PID controller to regulate chamber temperature through a webapp. Tuned PID parameters to optimize heat-up response and minimize overshoot. Troubleshot hardware-level issues including USB power delivery and OS-level configuration. Made it in a weekend with Claude Code.

ABOUT ME

I am deeply passionate about technology, robotics, AI, and continuous learning. Outside of work, I channel my creativity into hands-on projects with my 3D printer and experimenting with AI tools, always exploring new ideas and technologies.

EDUCATION & CERTIFICATION

B.S. in Robotics Engineering | Tecnologico de Monterrey | 2015 - 2017 l Monterrey, Mexico

Spanish (Native) | English (Professional C2)

AWS Certified Cloud Practitioner 2026