# Luis Cedillo Maldonado

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AI Full-Stack Engineer & Technical Founder

## Professional Summary

Full-stack engineer and technical founder building AI products across web, mobile and cloud. Leads engineering teams and client delivery; software experience since 2021.

## Professional Experience

**Dopamina** | *Co-Founder & CTO* | Mexico City, Mexico 07/2026–Present

- Lead 15 people building a multi-tenant AI platform for about 20 businesses across content, publishing, community and ads.
- Enabled 1,000+ publications and about 10,000 leads generated and managed in two months across concurrent client workflows.
- Develop Ergo with LangGraph, LangChain/Deep Agents, LiteLLM, Redis-backed state and MCP/Composio tools; build FastAPI/Strawberry GraphQL services and asynchronous workers.
- Guide agent evaluation with Langfuse/OpenTelemetry; enforce tenant-scoped access and human approval for external actions.

**iLuk.ai** | *Co-Founder; CTO since 05/2026* | Mexico City, Mexico 12/2025–Present

- Lead 25 people building Kubernetes-based agents for acquisition, onboarding, KYC, payments and collections.
- Scope client solutions through delivery; use ElevenLabs for collections and customer service.
- For client Fincluyente, the platform processed 100,000+ WhatsApp messages and deployed 200+ AI employees with human oversight.

**Vyvo Tech** | *Co-Founder & CTO* | Mexico City, Mexico 06/2025–12/2025

- Led a 15-person team delivering an AI-powered social network; owned the roadmap and product architecture.
- Worked on Kubernetes microservices and AI-avatar workflows using LangGraph and ElevenLabs.

**Nyx Technology** | *Tech Lead* | Mexico City, Mexico 08/2024–05/2025

- Led 10 people delivering Flowlink / StackUp for 50 hotels; cut channel management from three days to under one hour.
- Managed the full client lifecycle; integrated Booking.com, Expedia and other channels with FastAPI, PostgreSQL and AWS, idempotent channel adapters and per-channel failure tracking.

**Universidad Panamericana** | *Technical Lead, iOS Development Lab* | Mexico City, Mexico 01/2023–Present

- Developed four iOS applications for students and staff; led Agile delivery and mentored developers.
- Built UPocket across SwiftUI, FastAPI and PostgreSQL, with containerized deployment using Docker, Kubernetes and AWS.

**Freelance Developer** | Independent | Mexico City, Mexico | 12/2022–04/2023. Twilio / WhatsApp reservation automation.
**Junior Backend Developer** | Zenco | Mexico City, Mexico | 01/2021–03/2022. Python / Flask CRM and data synchronization.

## Skills

**Frontend & mobile:** TypeScript/JavaScript, React, Next.js, React Native, SwiftUI
**Backend & data:** Python, SQL, FastAPI, Strawberry GraphQL, PostgreSQL, Redis
**AI & agents:** LangGraph, LangChain / Deep Agents, LiteLLM, MCP, Composio, ElevenLabs
**Cloud & observability:** AWS, GCP, Docker, Kubernetes (k8s), Langfuse, OpenTelemetry, pytest, GitHub Actions
**Product & delivery:** Customer discovery, solution scoping, Agile/Scrum; payments, collections, onboarding, KYC

## Awards & Publications

**Two hackathon awards – Swift Change Makers / Enactus Mexico:** 1st place nationally with BimboNecta (2026); Best Prototype in the Grupo Bimbo challenge (2025).
**Research:** First-listed author, DermAware image-recognition case study, Springer (online 2025; citation year 2026). DOI: 10.1007/978-3-031-96328-5_2.

## Education

**Specialization in Project Management** In progress
**Universidad Panamericana** 2022–2026
B.Sc. in Data Intelligence & Cybersecurity, completed 2026.
**Credentials:** App Development with Swift – Associate (Apple, 2023); AWS Academy Cloud Foundations (2023).
**Languages:** Spanish (native), English (fluent), French (intermediate).