Luis Cedillo Maldonado

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Professional Experience

Nyx Technology   **Tech Lead**
Mexico City, Mexico   *2024–2025*

- Led the development of "Channel Manager" (Flowlink) for Marriott/City Express, streamlining rate, inventory, and reservation management across platforms, reducing manual processing time by **120%**.
- Designed and implemented a highly scalable architecture using FastAPI, RDS, AWS Lambda, and Svelte, **ensuring 99% uptime**.

Universidad Panamericana   **Assistant Manager, iOS Development Lab**
Mexico City, Mexico   *Jan 2023–Present*

- **Developed 4 iOS apps** for students and faculty, streamlining day-to-day processes and increasing engagement.
- Led Agile sprints, reducing development cycle time by **3 weeks**.

Freelance Developer   *Jun 2022–Nov 2022*
Mexico City, Mexico

- Developed and launched a Twilio WhatsApp chatbot, automating Airbnb reservations and reducing response time from **5 min to 30 sec**.
- Built an automated message tracking system, increasing efficiency by **25%**.

Zenco   **Jr. Backend Developer**
Mexico City, Mexico   *Feb 2021–Feb 2022*

- Created CRM solutions (**Python, Flask, MySQL, AWS**) for finance consultancy, improving data accuracy.
- Built an automated data sync system, reducing manual entry by **75%**.

Projects & Achievements

UPocket (University App)   *Jan 2023–Present*

- Developed a student-oriented app using **FastAPI, PostgreSQL, AWS, SwiftUI, Docker, Ollama**.
- Automated scheduling, reducing conflicts by **80%**, impacting **15,000+ students**.

President, Engineering Faculty (Universidad Panamericana)   *2024–Present*

- Led the organization of **5+** academic and social events, increasing student engagement.
- Established a structured mentorship program, pairing **30+ students** with industry professionals.

Technical Skills

Languages: Python, C++, Rust, SQL
Developer Tools: Git, Docker, Vite, Selenium, Unix
Soft Skills: Leadership, Mentorship, Agile Methodologies

Cloud/Databases: AWS, Kubernetes, Proxmox
Frameworks: Flask, Django, FastAPI, SwiftUI

Education

Universidad Panamericana   **Data Intelligence & Cybersecurity**
Mexico City, Mexico

Certifications

- **Apple Teacher (Apple)**, Jul 2024
- **App Dev with Swift – Associate (Apple)**, Jun 2023
- **AWS Cloud Foundations (Amazon)**, Nov 2023