Lorenzo Orozco

AI & Forward Deployed Engineer | Founder & Team Lead

Mexico City, Mexico | +52 55 4443 8222 | lorenzo.orozco.garcia@gmail.com

linkedin.com/in/lorenzo-orozco-garcia | github.com/lorenzoog00 | 2sunrise.com

Summary

I'm an AI engineer with a physics background and a habit of asking how things actually work. I lead a team of five at L'Oréal Americas, building inventory and commission systems. I also founded 2Sunrise, where I work with clients to build AI products and stay involved after launch.

Professional Experience

2Sunrise

Jun 2026 – Present

Founder · AI Product Studio — *Mexico City, Mexico*

2sunrise.com | wufwuf.ai

- Founded 2Sunrise in Mexico City. Build AI products for 5+ clients, from deciding what is worth building to running the software after launch.
- **WUF**: built a WhatsApp pet-care agent that picks up where the conversation left off, follows up, and takes actions. Uses LangGraph, Node.js, and the WhatsApp Business API.
- **10-5-3**: built an agent that reads monthly reports from 40+ branches, compares them with last month, checks compliance, and prepares a review for the commercial director.
- Created our **engineering framework** for client work. Every ticket needs agreed acceptance criteria and evidence that the work is done, supported by CI checks, git hooks, skills, and automations.
- Studio projects also include a purchase flow with **Lockton** for **Costco** members and an accounting-data pilot for **AGSA**.

L'Oréal Americas

Jan 2026 – Present

Software Engineer · Platform Engineering / AI4IT — *Mexico City, Mexico*

- Lead a team of five in Platform Engineering / AI4IT. Work with business teams to define what needs building, turn it into a technical plan, and help the team deliver.
- Led 10 vendor developers in building a shared engineering framework and developer toolbox for L'Oréal's order management systems (OMS) teams.
- Built and supported three Python inventory services through QA for SalonCentric. Validated 7,279 SKUs across 7 distribution centers, with 15-minute stock updates and a nightly resync, using SAP, Kafka, Cosmos DB, and Azure.
- Corrected inventory rules that made unavailable stock appear sellable. A QA check of 150 SKUs found 500 stale warehouse positions; added zero-fill updates and fixed shared-barcode totals.
- Built the commission job and on-demand Flask API so finance can trace who gets credit and why. Used territory history and SFTP delivery to Xactly and finance reporting; contributed to Kafka ingestion.
- Designed and built QA Analyst and QA Tester agents plus four skills that turn story requirements into Gherkin tests and evidence workbooks. Piloted the delivery framework on five inventory stories.
- Used parity tests on real QA data to check inventory refactors. The job has 400 tests and 98.8% coverage; commission allocation has about 300 tests and 88.9% coverage.

Monico

Feb 2025 – Dec 2025

AI Engineer — *Mexico City, Mexico*

- Built retrieval for legal documents so answers can be traced to their source. Combined OCR and LangGraph with hybrid search using embeddings, BM25, and FAISS. Evaluations showed 30% higher recall and 92% question-extraction precision.
- Built document-ingestion and ETL pipelines for 100K+ pages per month, with Azure deployment and prompt evaluation.

L'Oréal figures are from QA runs in September and October 2026.

Earlier Engineering & Research

Quamtum Services May 2024 – Feb 2025
Machine Learning Engineer *Mexico City, Mexico*

- Took computer vision from labelled images to YOLOv8 running on Raspberry Pi 5. Used ONNX Runtime for inference and Flask for APIs.
- Built EVA with sensor dashboards and search over technical manuals. Also integrated Copilot Studio and CRM APIs to handle customer queries.

Universidad Iberoamericana Jan 2023 – Aug 2024
Researcher · Physics-Informed Neural Networks *Mexico City, Mexico*

- Built physics-informed models for solar absorption. Reached MAE 0.00065 and R^2 0.92 in research evaluation, compared 1,710 curves, and built a Flask API to try the predictions.

CO_2 Capture Prediction Research Summer 2024
Machine Learning Research *Cuernavaca, Mexico*

- Trained a model to predict CO_2 transfer coefficients, reaching $R^2 = 0.99$. Built a tuning loop to find architectures that met the MAE targets.

Selected Product

Tracksip 2026 – Present
Founder / Full-Stack Developer *iOS app · preparing for App Store launch*

- Building Tracksip for people who want a clearer record of an evening: drinks, calories, hydration, and an event summary they can look back on.
- Added offline-first App Group storage, Supabase sign-in and cloud sync, and StoreKit 2 subscriptions.
- Built AI-generated event insights, calendar history, shareable PDF reports, dashboard analytics, and a companion web deployment pipeline.

Technical Skills

AI & machine learning: RAG, LangGraph, LangSmith, Claude Code agents and skills, LLM evaluation, PyTorch, TensorFlow, scikit-learn, OCR, computer vision, PINNs

Backend & data: Python, TypeScript, Node.js, SQL, Flask, FastAPI, Kafka, Cosmos DB, SAP OData, BigQuery, ETL, Supabase

Product engineering: React, React Native / Expo, SwiftUI, StoreKit 2, WhatsApp Business API, REST APIs

Delivery & cloud: Azure, GCP, Docker, GitHub Actions, pytest, ruff, mypy, parity testing, Azure Monitor, Kibana

Languages: Spanish (native), English (professional), Chinese (learning)

Education

Universidad Iberoamericana Aug 2019 – May 2024
B.S. Physics Engineering · Machine Learning Specialization *Mexico City, Mexico*

- Thesis: Neural Architecture Search for Solar Panels.

Certifications & Recognition

Google Cloud Professional Machine Learning Engineer 2025
Applied Machine Learning in Python · University of Michigan 2024
Research Scholarship · Universidad Iberoamericana 2024
Honorable Mention · MCNANO, Condensed Matter and Nanotechnology Division 2024
Best Social Service nominee · Amigos de Sian Ka'an 2023