

Alan Ayala García

alanayalag@gmail.com || <https://www.linkedin.com/in/alan-ayala-garcia/> || <https://github.com/AlanAAG>

EDUCATION

Tetr College of Business & Middlesex University

Bachelor in Management and Technology

Expected, May 2029

- Project-based program launching a new business each semester across diverse industries
- Global Rotation Schedule: UAE, India, Singapore, Ghana, Spain, Europe (TBD), and the US

Tecnológico de Monterrey, Santa Fe

High School Diploma, STEM Multicultural Program

Mexico City, Mexico
Graduated, May 2024

- GPA: 96.72/100
- Honors: Three-time recipient of the Academic Excellence Award

TECHNICAL PROJECTS

Professor AI Tutor Platform

Co-Founder & Lead Developer

UAE, India

October 2025 - Present

- Architected a scalable **RAG system** powered by **FastAPI** and **Supabase**, implementing a custom **RRF** algorithm to support 200+ students with instant academic context.
- Engineered advanced context-handling logic (**Query Condensing** and **Map-Reduce**), optimized through rigorous testing to handle complex, multi-turn conversations.
- Automated **CI/CD pipelines** for data ingestion, decreasing deployment time from **6h to 30 min.**

AI Wardrobe & Travel Assistant

Full Stack Developer

Mexico, UAE

2025

- Built a **Python-based Agentic Workflow** integrating **Notion**, **Supabase**, and **OpenWeather APIs** to automate travel packing and outfit planning.
- Designed modular architecture with **LLM Agents** and custom caching to optimize rate limits; deployed via **Render** with system monitoring.

EXPERIENCE

Demi-fine Jewellery Brand (Tiora)

Co-Founder

New Delhi, India

January 2026 - Present

- Digitized operations by building a **headless e-commerce stack**, reducing supply chain lead time from 7 days to 3 hours and validating PMF with **\$3,000+ first-month revenue.**
- Optimized frontend performance and GTM strategy, resulting in **30% boost in conversion rates.**

Academy for Sales Excellence

Sales & AI Automation Intern

Dubai, UAE

October 2025 - February 2026

- Secured 10 recurrent enterprise clients by creating custom **AI workflows** with **n8n** and **Python.**
- Automated CRM routing pipelines, reducing customer support latency by 80% through process mapping.

Freelance Full-Stack Developer

Independent Consultant

Remote

May 2023 - May 2025

- Delivered custom full-stack solutions for 35+ clients, including a headless platform that generated **10k+ monthly visitors** and digitized legacy retail operations.

LEADERSHIP

Rotary International Club Secretary and Treasurer

2021 - 2024

- Managed a **\$5,000** budget and coordinated cross-functional projects across **5+** international clubs.

Debate Team Vice President

2019-2024

- Ranked **top 5%** regionally, competing in **35+ tournaments**; mentored **35+** team members in structured thinking and complex argumentation.

SKILLS

Programming: Python (Adv.), TypeScript, JavaScript, SQL, HTML/CSS, React.js, Next.js

AI & Backend: RAG, FastAPI, Vector Databases (Supabase), LLM Agents, API Systems, n8n.

Infrastructure: Cursor, Claude Code, CI/CD, Playwright, Vercel, AWS, Shopify, Render, Vercel.

Languages: Spanish (Native), English (C1), French (B1).

Strategy: Product-First Thinking, GTM Strategy, Process Mapping, Data Analytics.