Alan Ayala García

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EDUCATION

Tetr College of Business — Global
Bachelor in Management and Technology — *Expected May 2029*
- Project-based global program; rotations in Dubai (Amity University), Delhi (FITT at IIT Delhi), Shanghai (Fudan University), Nairobi, New York, Buenos Aires, and Madrid.

Tecnológico de Monterrey, Santa Fe — Mexico City, Mexico
High School Diploma, STEM Multicultural Program — *May 2024*
- GPA: 96.72/100; three-time Academic Excellence Award recipient.

PROFESSIONAL EXPERIENCE

CraftOS — Fukuoka, Japan (Remote)
Software Engineering Intern — *Mar 2026 - Aug 2026*
- Architected Python modules for a production B2B multi-agent system with multi-LLM routing, ChromaDB memory, and dynamic tool execution across 100+ APIs.
- Shipped core CraftBot modules through continuous code review for an open-source assistant with 380+ GitHub stars.

Magure Inc. — Dubai, UAE (Remote)
Development, Product and Founder's Office Intern — *Mar 2026 - Aug 2026*
- Engineered 10+ production AI workflow automations, MCP servers, and Python integrations on MagOne for enterprise deployments.
- Defined requirements and technical documentation with the CEO; mapped implementation controls to ISO 42001, ISO 9001, and ISO 27001.

Tetr College of Business — Shanghai, China
Technical Product Management Intern — *2026 - Present*
- Integrated an agentic professor platform into the LMS; translated faculty feedback into changes to model behavior, course retrieval, and user journeys.
- Automated course-content ingestion through CI/CD and engineered usage analytics for product and academic decisions.

Independent Consulting — Remote
Freelance Full-Stack Developer — *May 2023 - May 2025*
- Delivered production platforms for 35+ clients using React, TypeScript, Next.js, and REST APIs; one headless commerce product reached 10,000+ monthly users.

ENTREPRENEURIAL EXPERIENCE

Professor AI — UAE and India
Co-Founder and Lead Engineer — *Oct 2025 - Present*
- Architected and sold an agentic tutoring platform to two institutions, expanding access to 400+ students.
- Designed a FastAPI/PostgreSQL RAG stack with RRF/MMR ranking and automated ingestion, reducing deployment time from six hours to 30 minutes.

MaestraAI — Mexico
Founder and Full-Stack Engineer — *Jan 2026 - Present*
- Engineered a Next.js/Supabase platform adopted by 100+ active users across 5+ institutions; implemented SEP-aligned planning, tracking, PDF reporting, streamed AI responses, and Row Level Security.

Tiora — New Delhi, India
Co-Founder and Full-Stack Developer — *Jan 2026 - May 2026*
- Engineered a Shopify Headless and React commerce stack that supported $15,000+ revenue and reduced supply-chain lead time from seven days to three hours.

CERTIFICATIONS AND LEADERSHIP

- Machine Learning in Python with scikit-learn, Inria/FUN; CS50 AI with Python and CS50 Computer Science, Harvard; Microsoft Copilot and Azure AI Foundry, FITT at IIT Delhi x Microsoft.
- Selected among 2,000 builders for Y Combinator Startup School India; First Place, Emirates Ebdaa Pitch Competition; Founding Organizer, Shanghai Impact Hackathon (96 participants).

TECHNICAL SKILLS

Programming: Python, TypeScript, JavaScript, SQL, HTML, CSS
AI and Data: RAG, multi-agent systems, RRF/MMR, embeddings, vector search, LLM evaluation, scikit-learn, MCP, tool calling
Frameworks and Infrastructure: FastAPI, React, Next.js, PostgreSQL, Supabase, pgvector, ChromaDB, REST APIs, Docker, Linux, AWS, GitHub Actions, Playwright, Git
Languages: Spanish (native), English (C1), French (B1), Mandarin (beginner)