

Alejandro Goicoechea

AI Agentic Systems Engineer | LLM Developer & Prompt Architect

Specialist in GPT, Claude, Gemini & open-source multimodal LLMs

Domain Focus: Bioinformatics · Life Sciences · Technical Operations

Contact Information:

Email: alex@alexgoiko.com

Education

Superior Degree in
Industrial Draftsman &
Designer
CIFP DON BOSCO LHII

Certifications

**Gen AI in Production: Gen AI
and Agentic AI at Scale** –
DeepLearning.AI & AWS
(October 2025)

Figma UI UX Design Essentials
– Udemy (October 2025)

**LLM Engineer: Build and
deploy LLM apps** – Udemy
(June 2025)

Master Agentic Engineer –
Udemy (August 2025)

**Sales Hacking: Sales
Strategies & Techniques** –
Udemy (2025)

**NGS & DNA Sequencing
Fundamentals** – Udemy (July
2025)

AI Prompt Engineering –
Vanderbilt University (2024)

**ChatGPT: Free AI Tools for
Productivity** – Vanderbilt
University (2024)

AI Essentials – Coursera (2024)

**Digital Marketing & E-
commerce** – Google & Coursera
(2024)

Microsoft 365 Administrator –
Completed coursework (Exam
not taken)

PROFILE SUMMARY

Experienced AI expert with 25+ years in **industrial operations**, **technical sales**, and **multilingual communication**. Skilled in **LLM tools**, **prompt engineering**, and **agentic AI systems**, with real-world experience in pharmaceutical research, collaborating daily with **doctors and specialists**.

Fluent in five languages and certified in multiple AI platforms. I build smart, useful solutions using tools like **HuggingFace**, **Gradio**, **Frontier models**, and open-source LLMs such as **ChatGPT**, **Claude**, **Deepseek**, **Gemini**, **Copilot**, and **Perplexity** — helping organizations innovate, automate, and grow.

Recently completed certifications in **Generative AI production systems** and **UI/UX design**, reflecting my continued focus on bridging technical innovation with user-centered design and AI deployment at scale.

WORK EXPERIENCE

Founder & Developer – AlexGoiko.com (Under Development)

July 2025 – Present

Designing, developing, and launching a personal website to showcase AI expertise, professional services, and portfolio. Implementing responsive, user-friendly layouts and integrating AI-driven features for enhanced interactivity. Managing all aspects of site creation, including branding, content strategy, and SEO optimization.

AI Projects (Ongoing & Upcoming)

CryptoAgents – Autonomous agents integrating blockchain sentiment and trading tools.

Restobar GPT – GPT-based assistant for restaurant operations (menus, translations, client handling).

Lingoka (Coming Soon) – Language practice assistant integrating audio and conversation simulation.

BNBReady (Coming Soon) – GPT-powered Airbnb guest experience enhancer.

Ayudatek (Coming Soon) – AI assistant for tech troubleshooting and basic support in Spanish. French and English after.

Freelancer AI training - Outlier

July 2024 – Present

- Completed various tasks as part of a project team, contributing to operational improvements.
- AI Training & Evaluation:** Hands-on experience in training, testing, and evaluating AI models for language and behavior accuracy through remote freelance platforms

GWS Aligner AI – AI Learning Tasks

March 2025 – October 2025

Conduct AI learning and evaluation tasks for GWS Aligner AI systems. Provide detailed feedback and performance insights to enhance model accuracy. Apply multilingual skills to ensure language inclusivity in AI training datasets.

DA Languages

September 2024 – April 2025

- Provided video remote and telephone interpreting services.
- AI Training & Evaluation:** Gained hands-on experience in training, testing, and evaluating AI models for language and behavior accuracy.

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Fieldwork Agent – Freelance Remote Worker, Thermo Fisher Scientific, USA

September 2019 – July 2024

- Conducted fieldwork for pharmaceutical research, utilizing multilingual skills (English, French, Spanish, and Italian). Gathered data and conducted multilingual research interviews to identify customer insights and trends, effectively enhancing data accuracy and reporting efficiency for research teams.
- Translated documents and facilitated communication between research teams and participants.

Links

Website:

<https://AlexGoiko.com>

GitHub:

<https://github.com/Goikotobal>

LinkedIn:

<https://www.linkedin.com/in/alejandro-goicoechea-spain>

SKILLS

AI & LLM Tools

ChatGPT, Claude, Gemini, Copilot, Perplexity, HuggingFace, Gradio, Prompt Engineering, RAG, Frontier Models, LangChain, MLOps, Agentic Loops, Multi-Agent Systems, SaaS AI deployment.

UI/UX Design & Web (New section or under Technical)

Figma, Wireframing, Prototyping, UX personas, UI Kits, Interactive design, Web design principles, User journey mapping

Technical & Cloud Tools

AutoCAD, 3D Studio Max, SketchUp, Microsoft 365 (Exchange Online, Teams, Azure AD), PowerShell, Anaconda PowerShell, Jupyter, Cursor VS Code, AWS (Bedrock, SageMaker, Lambda, S3, etc.), Vensel, GCP, Azure, Cloud architecture, Terraform, GitHub Actions

Workflow & Automation

AI automations, data extraction, workflow optimization, task orchestration, prompt evaluation

Digital Marketing & Communication

Content creation, SEO fundamentals, digital strategy, multi-platform campaigns

Languages

Spanish (Native), English (Fluent), French (Fluent), Basque (Native), Italian (Good), Hiligaynon (Intermediate), Japanese (Basic)

Manager, Gazebo Ruins & Owner, Goicocina | Philippines

July 2017 – August 2019

- Managed operations, training, and budgeting in hospitality businesses
- Built marketing campaigns and led multicultural teams in the Philippines.

Manager & Part Owner, Txacho Restobar | Philippines

November 2012 – June 2017

Oversaw the daily operations of the restaurant, including **staff management**, **supplier coordination**, and **financial oversight** such as budgeting and revenue tracking. Actively contributed to key business decisions involving **menu development**, **marketing strategies**, and overall operational improvements.

Operations Director, Aitzkoate S.A.L., Spain

May 2005 – June 2011

- Directed operations for an **industrial metal fabrication company** providing services to major clients such as CAF, Siemens, and Alstom.
- Managed workshop activities, coordinating teams to ensure technical and scheduling accuracy.
- Oversaw the production process, ensuring all final products met client specifications and industry standards.
- Led client relations, working with high-profile companies to ensure project milestones were met.
- Resolved technical challenges and made critical decisions on timelines and resource allocation.

Technical Manager, LOATZO, S.C.L.

September 2003 – March 2005

Loatzo is an industrial boiler company in Spain that develops pieces for paper machine sector companies.

- Managed the workshop.
- In charged of providing and explaining the drawings to the workers.
- Resolved technical issues.

Technical Draftsman/ Designer, AF INCEPAL, S.A., Spain

October 2001 – June 2003

AF INCEPAL SA develops studies and projects for the installation of equipment for the paper and cellulose industry, and engineering consulting company.

- Prepared technical drawings and design that will be used to make parts of the machine.
- Collaborated with different teams in different projects for paper machine equipment.

Freelance Draftsman – REAL ESTATE COMPANIES

May 2002 – September 2003

Produced **2D and 3D architectural drawings** using AutoCAD and 3D Studio Max. Took site measurements and designed **renovation plans** for houses and condominiums

LANTIER, S.A., Spain.

June 1998 – July 2001

Company specializing in **productivity solutions for paper machines** (doctors, showers, tail cutters, stream boxes)

Technical Draftsman / Designer

1998 – 1999

Created technical drawings and designs for machine components. Collaborated with engineering teams on projects for international clients

Sales Engineer

1999 – 2001

Delivered technical sales support for clients in **Spain, France**, and other European markets Translated engineering specs into sales solutions, supporting business growth in industrial machinery