Emilia Cabral

Senior AI Engineer • Senior Full Stack Engineer

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PROFILE

- As a senior engineer, I own the end-to-end of turning ambitious AI goals into production features with clear ROI, such as an 80% reduction in token usage.

EXPERIENCE

- **Marvik** — Uruguay, Remote
  Senior AI Engineer — *May 2025 – Present*
  - Automated 80 manual hours by transitioning an LLM Agent project from a non-functional POC to a production-ready MVP. Stack: Gemini, LangChain, LangGraph, Playwright, FastAPI, and AWS.
  - 50% reduction in front-end workload by automating development for backoffice applications through an AI-driven workflow. Stack: v0, Typescript, Python, Streamlit, FastAPI, AWS, React, Shadcn and Vite.

- **BuildWithin** — USA, Remote
  Senior Software Engineer - AI Team — *Feb 2024 – May 2025*
  - Led ten engineers in full-scale platform refactoring, meeting a one-month deadline. Stack: TypeScript, Next.js, tRPC, PostgreSQL, SST, and AWS.
  - Led a team of three engineers in developing an AI-powered job-candidate matching system, building a testing dataset and ETL pipelines for ingestion and evaluation. Stack: Python, FastAPI, HuggingFace, AWS, S3, and Qdrant.
  - Reduced token usage by 80% by engineering an LLM Long-Term Memory solution with scalable multi-tenant architecture and versioning. Stack: TypeScript, Next.js, tRPC, Langchain, and ElasticSearch.
  - Led product refactoring, conducting user interviews and Business Model Canvas sessions with 20 stakeholders to identify core business and usability issues, and proposing a strategy.

- **MercadoLibre** — Argentina, Remote
  Software Engineer — *May 2021 – Feb 2024*
  - Championed and developed LLM RAG chatbot for AI-Powered Help Center, reducing CS team load by 45%. Pioneered one of the first LLM features in the company, becoming the go-to person for GenAI in the vertical. Stack: OpenAI, TypeScript, React, Express, Python, Langchain, ChromaDB, DynamoDB, DataDog.
  - GenAI and Accessibility reference inside the vertical, leading workshops and training for 100+ designers and product team members.

EDUCATION

- **ISFT 182** — Buenos Aires
  Associate Degree, Library Science