

Andrés Martínez

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ABOUT ME

I'm a TypeScript full-stack engineer, really experienced on the Web, with taste in design, and care about the entire product experience. For the past two years, applied AI engineer building Agents with LangChain/LangGraph. Strong AWS fundamentals.

EXPERIENCE

Senior Software Engineer (Full-stack & AI)

Qubika

Montevideo, Uruguay

Nov 2022 – Present

- Progressed from individual contributor to Tech Lead within project, owning delivery across frontend, backend, and infrastructure while mentoring engineers and partnering with product/PMs.
- Established engineering standards for TypeScript/React/Next.js (incl. App Router & RSC); prepared an internal Next.js 13 talk and onboarding training.
- Built AI agents and services with Python using LangChain/LangGraph/LangSmith and FastAPI; designed tool calling flows and evaluation strategies.
- Operated AWS workloads across ECS/Fargate, CloudFront, S3, ALB, Lambda, Bedrock, WAF; worked closely with SRE teams.
- Improved team processes via clear code-review guidelines, migration guides, and onboarding docs that reduced ramp-up time.

PROJECTS WITHIN QUBIKA

Music Licensing Platform (SaaS, B2C)

2022–2024

Revamped content delivery with Algolia + AWS Cloudfront CDNs, Next.js caching (SSG, ISR), leading to almost instant page loads, song playback and downloads. Revamped onboarding funnel and checkout experience leading to much lower churn and disputes. Grew MRR by 300% during my tenure. Full-stack to Tech Lead, 2 years.

AI Importer for Financial Documents (Fintech, B2B)

2024–2025

Transforms large retirement/portfolio PDFs into structured data (entities, balances, positions), extracting high-value items for advisor workflows; Python agent with LangChain/LangGraph; AWS-based ingestion pipeline.

Advisor Meeting Realtime Insights (Fintech, B2B)

2025

Live meeting analysis that detects financial assets, intents, and follow-ups to auto-populate advisor tasks/CRM; streaming websockets pipeline with Python agents (LangChain/LangGraph) deployed on AWS.

SKILLS

Web: TypeScript, React, Next.js, Node.js

AI: Python, LangChain, LangGraph, LangSmith, AI SDK

Cloud: AWS (ECS/Fargate, S3, Lambda, Bedrock), Postgres/MongoDB, ChromaDB/Pinecone

Collaboration: Tech leadership, Mentoring, Agency,

EDUCATION

Universidad ORT Uruguay, Uruguay

Mar 2024 – Present

Information Systems and Technologies Analyst

Facultad de Ingeniería, UdeLaR, Uruguay

Mar 2021 – Mar 2023

Computer Engineering

LANGUAGES

Languages: Spanish (Native), English (Highly proficient)