

Lucas Pinto

STAFF SOFTWARE ENGINEER & ENGINEERING LEAD

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SUMMARY

Staff Software Engineer and Engineering Lead with 15 years building backend, data, and AI systems that hold up in production. Founding engineer on Evercast, which won a 2020 Engineering Emmy. Now I lead the data and AI platform for a Fortune 100 media company, with a team that scales from 8 to 14 engineers as project demand shifts. I own the architecture from the first vague requirement to the pager going quiet, I still write the hard parts myself, and I mentor the engineers I bring up along the way. Some client names are private by request or NDA.

EXPERIENCE

Staff Software Engineer & Engineering Lead, Lumenalta

Sep 2015 to Present · Remote

Eleven years at the same consultancy, fully remote, placed on the hard problems its clients could not solve alone. Between client engagements I also do advisory and fractional work, which I still keep room for.

Data and AI platform, Fortune 100 media company

2020 to Present

- Build and lead the platform, with a team that scales from 8 to 14 engineers as project demand shifts.
- Petabyte scale data pipelines and warehousing across BigQuery, Snowflake, Databricks, Airflow, dbt, and Spark, with self service analytics for the business on top.
- LLMs, RAG, and multi agent orchestration running in production, not demos.
- Built the MLOps path that took model deployment from weeks to hours.
- On call for the platform. I am the one paged when a pipeline dies at 2am.

Evercast, live video for film and television

Sep 2015 to Jan 2020

- Founding engineer on the platform that won a 2020 Engineering Emmy.
- Built a WebRTC stack (VP9, Opus, SRTP) delivering 4K at around 150ms latency for up to 256 concurrent teams.
- Earned security approval from every major Hollywood studio (MPA Trusted Partner Network).
- Used on 200+ productions, including Chernobyl, Lost in Space, and Jimmy Kimmel Live.

Earlier career

Apr 2010 to Sep 2015

- **Senior Full Stack Developer, OSF Digital** (Feb 2015 to Sep 2015). Built a global construction management app for Hyatt Hotels, still in use today.
- **Full Stack Developer and Team Lead, SecrelNet** (Jul 2011 to Feb 2015). Led a team building an OpenStack based cloud platform, call center monitoring, and integration systems.
- **DevOps Engineer, OpenText** (Apr 2010 to Jun 2011). Set up and ran Linux servers and B2B file delivery.

HONORS

- 2020 Engineering Emmy, for Evercast

SKILLS

Languages, APIs: TypeScript, Node.js, Python, React, GraphQL, gRPC, REST

Cloud, infra: AWS (ECS, EKS, RDS), GCP, Kubernetes, Docker, Terraform, Linux, CI/CD, observability, on call

Data platform: BigQuery, Snowflake, Databricks, Airflow, dbt, Spark, SQL, data warehousing, petabyte scale ETL

Data stores: PostgreSQL, MySQL, DynamoDB, Elasticsearch

AI, ML: LLMs, RAG (retrieval augmented generation), AI agents and multi agent systems, embeddings, vector databases (Pinecone, Weaviate, FAISS), MLOps, machine learning infrastructure, model evaluation, LangChain, LangGraph, CrewAI

Architecture, leadership: Distributed systems, microservices, mentoring, technical strategy, roadmap

LANGUAGES

English (bilingual), Portuguese (native), Spanish (advanced), Polish (basic)