

Joshua Lazoff

Senior AI Software Engineer · Miami, FL

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Professional summary

Twenty years of production engineering for Goldman Sachs, the team behind MetaMask, and Chainlink. I build grounded AI: systems that back every answer with a citation you can look up - knowledge graphs, retrieval, and evaluation pipelines, running on hardware I own and measured by tests anyone can read and run.

Core skills

AI: knowledge graphs (Neo4j), grounded / cited generation, retrieval & embeddings, evaluation pipelines, local inference (Ollama, CUDA GPU cluster)

Engineering: Python, TypeScript, Next.js, Node, Postgres, Playwright, CI/CD, Cloudflare edge

Leadership: senior engineering management, mentoring programs, multi-team operations

Experience

Founder - Digital Twin Pro

Feb 2023 - present

Private AI appliances: buy once, own outright.

- Designed and run a self-hosted GPU cluster serving open models, knowledge graphs and speech - data never leaves the building.
- Built OpenRabbi: a speaking agent grounded in a Neo4j knowledge graph of a classical library, where every answer must carry a verifiable citation or the system stays silent.
- Wrote the evaluation discipline: citations verified word-for-word against source texts, in written tests and live conversation; methodology and queries published for anyone to re-run.
- Operate forty-nine production sites built, deployed and QA'd by pipelines I wrote (Playwright audits gate every deploy on live-page measurements).

Founder - LazoffTech (client engineering)

Jun 2015 - present

- Independent engineering practice; both engagements below ran through it - alongside Project Mercava, a learning platform built with a team in Israel (2015 - 2017), and a ground-up digital-library rebuild (2016 - 2017).

ConsenSys - Web Engineering, Senior Software Engineering Manager

Feb 2018 - Feb 2024

- Rose to Senior Software Engineering Manager (Aug 2022 - Feb 2024), responsible for every website behind **MetaMask** and **consensys.io** - the web presence of software guarding millions of users' funds.

- Joined through the education arm, building the platform that taught developers smart-contract programming.

Software Engineering Contractor - Chainlink Labs

May 2021 - Oct 2024

- Built the sites and tools relied on by developers of the industry's oracle networks - systems whose product is verified facts; three years concurrent with the ConsenSys engagement.

Software Engineer - Amplify

May 2015 - Oct 2015

- K-12 education technology on AWS - the bridge from the corporate world to my own practice.
- When the classroom market chose the iPad over Amplify's own tablet, that product world wound down. A marketing firm asked for website help; more clients followed, and the practice became LazoffTech.

Software Engineer - Goldman Sachs, Securities

May 2013 - Jun 2015

- Trade-verification and regulatory-reporting systems; built a query service shared firm-wide as internal open source, in the firm's in-house language.
- Helped stand up a round-the-clock, multi-team operation catching errors before they reached production impact.
- Started as an intern on the same derivative-trade-processing team three summers running (2010, 2011, 2012); ran the mentoring program for incoming interns.

Education

Cornell University

B.S. Information Science, Systems & Technology (2008 - 2012) · M.Eng. Engineering Management, computer science concentration (2012 - 2013). Taught calculus; treasurer, Society of Hispanic Professional Engineers chapter.

Selected public work

jew.tech - the research: grounded AI, evidence, methodology, agenda · app.openrabbi.com - the speaking agent, live · digitaltwinpro.com - the product