Evan Maus

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Professional Summary

Full-stack engineer who builds fast, reliable, and user-centered systems using TypeScript, React, Node.js, and Postgres. I specialize in turning complex problems into clean, performant interfaces and scalable backend pipelines. Passionate about systems thinking, thoughtful design, and shipping polished product experiences.

Technical Skills

Languages: TypeScript, Python, Java, C, SQL, JavaScript
Frameworks: React, Next.js, Node.js, Tailwind, FastAPI, TensorFlow, PyTorch
Tools: Docker, GitHub Actions, DigitalOcean, Supabase, PostgreSQL, Linux
Strengths: Systems thinking, debugging, infrastructure, performance optimization

Experience

Breakout Study Tool — Founder & Full-Stack Engineer (Apr 2025 – Present)

- Shipped a full-stack platform (Next.js, TypeScript, Node.js, Postgres) focused on reliability, clean architecture, and fast interactions.
- Engineered React components optimized for performance, accessibility, and real-time updates (<80ms interactions).
- Built and maintained a Python/FastAPI pipeline handling 500k+ datapoints/day with automated detection.
- Implemented secure auth (NextAuth.js), analytics dashboards, and instrumentation for debugging and insights.
- Deployed using Docker + GitHub Actions on DigitalOcean, sustaining >99% uptime.
- Reduced manual labeling time by ~60% via automated background tasks.

Freelance Full-Stack Developer — Remote (Jan 2024 – Present)

- Delivered 3 production web apps end-to-end with Next.js, TypeScript, and Postgres.
- Converted ambiguous client requests into clear workflows and maintainable architectures.
- Built secure authentication, analytics tracking, and CI/CD pipelines for reliable cloud deployments.
- Developed a React site serving hundreds of visitors for a nonprofit.

necoTECH — Data & Product Intern (May 2023 – Sept 2023)

- Automated Python-based lead-tracking workflows, reducing manual time by ~50%.
- Designed a proposal pipeline and marketing playbook used across teams.
- Improved CRM reliability by consolidating fragmented workflows.

Projects & Research

LLM Energy Benchmark — AI Infra Research

- Built a Python/FastAPI measurement system to benchmark energy usage across major LLMs.
- Processed 1M+ prompts; engineered 30+ linguistic features to study efficiency and latency.

X Lead Scraper

- Developed a Python pipeline ranking users via engagement and keyword scoring.

Cat vs Dog Classifier

- Trained and optimized a TensorFlow CNN for improved evaluation efficiency.

Education

University of California, Berkeley — B.A. Data Science & Economics | Minor in Computer Science (May 2027)

Leadership

Founder & President — Student Climate Action Team

- Led a 10-person team; organized 30+ community events reaching ~10,000 residents.
- Eagle Scout — Coordinated 100 volunteers for a trail expansion project.