DANIEL KIMBALL

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EXPERIENCE

Jori Health – Full Stack Software Engineer   *Apr 2024 – Present*

- Co-developed Farsight, a multi-agent clinical co-pilot built with LangGraph, enabling dynamic collaboration between LLM agents to assist oncologists with treatment planning.
- Deployed a RAG system with OpenAI embeddings and vector DBs to surface insights from PubMed and ClinicalTrials.gov.
- Collaborated with clinicians and ML researchers to translate workflows into scalable product features.

Meta (Instagram) – Full Stack Software Engineer   *May 2021 – Apr 2024*

- Designed and launched the Elastic Compute Interface, contributing $50 – 60 million in savings as part of Meta's broader $1.2B Efficiency Program.
- Promoted to Mid-Level SWE within 1 year (Top 2%), earning **Redefined Expectations** rating
- Developed the interface layer for Optimus, Meta's internal elastic compute leasing system, enabling dynamic workloads to leverage temporary, zero-SLA capacity.
- Partnered with Finance/Infra teams to improve capacity cost forecasting across product and ML workloads.

PROJECTS

Vocara.world (Passion Project)

- Designing a real-time multiplayer strategy game in a 2.5D style inspired by Octopath Traveler, built in Godot (GDScript) with custom Node.js backend.
- Deployed live multiplayer infrastructure via DigitalOcean, creating full-stack WebSocket endpoints for synchronized world state and player actions.

Elastic Compute Interface (Meta Internal)

- Analytics platform used by Infra Directors to forecast elastic capacity budgets (~$50M savings/
- Enabled real-time visibility into preemptible server usage, helping guide ~$50M in annualized savings by surfacing idle fleet opportunities.

alos.coffee – (Active Small Business Project)

- Developed a full-stack online ordering system for a coffee shop using Next.js, Stripe, and WhatsApp API.
- Integrated order notifications with phone-based ops and localized delivery logistics.

sendmycatmoney.com – (Lightweight E-Commerce)

- Implemented full Stripe Checkout flow, including one-time and recurring payments.
- Demonstrated end-to-end e-commerce stack: product listing, cart, checkout, and webhook handling.

SKILLS

Languages: TypeScript, JavaScript, Python, GDScript, PHP, Java, C++, C, Rust, Go, Bash, SQL
Frontend: React.js, Next.js, TailwindCSS, Redux, GraphQL, Relay, Turbo, HTML5, CSS
Backend: Node.js, Express.js, Django, WebSockets, Ruby on Rails, Kafka
Databases: PostgreSQL, MongoDB, Redis, Firebase, Supabase, DynamoDB, MySQL
Deployment: Vercel, DigitalOcean, Railway, Netlify, AWS, Azure, Google Cloud, Docker, Kubernetes

EDUCATION

Bachelor of Science | Computer Science | Stevens Institute of Technology | 3.9 GPA