

KAI RUSSO

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Fractional Senior Full-Stack Engineer | Multi-Tenant SaaS, Regulated Healthcare & Reporting Infrastructure

I help small, fast-moving teams ship technically difficult products on a fractional or project basis. I bring ten years of experience across regulated healthcare, multi-tenant SaaS, engineering management, and governed financial reporting, with end-to-end ownership spanning architecture, implementation, integrations, and production delivery. Currently engaged on data infrastructure, with capacity for additional product work.

SELECTED ENGINEERING ENGAGEMENTS

CuroWork Founding Engineer

2023 – 2026

- Architected and led development of a multi-tenant SaaS workforce management platform with row-level tenant isolation (Next.js, TypeScript, PostgreSQL/Supabase), supporting 14 concurrent B2B contracts.
- Designed and shipped a workflow visibility feature that helped one customer reduce month-end close from 20 to 12 days in three months.
- Took LLM features from prototype to production, including structured work summaries and embedding-based task suggestions.
- Built bidirectional Google Calendar and Microsoft Graph sync with per-tenant OAuth and recurrence handling, plus a recurring task scheduling engine.

CareVeritas Software Development Consultant

2022 – 2023

- Built a MEAN-stack web application for a financial-planning platform that helps advisors assess clients' exposure to family caregiving costs through risk scoring and simulations.

Podder Founder & Sole Engineer

2019 – 2022

- Designed and shipped a native iOS podcasting platform to the App Store (Swift, Node.js, MongoDB), with tiered subscription billing and one-off creator donations.
- Engineered a usage-metered creator payout engine distributing subscription revenue pro rata based on individual listening duration, with creator reporting through an Angular web application.

Epic Systems Software Engineer → Engineering Manager

2016 – 2019

- Led Patient History through a full rewrite of a live clinical system, then took on Provider/Nurse Scheduling, the primary clinical entry point for Epic's Ambulatory users; managed quality and execution for 7 developers and reduced the QA backlog by 80%.
- Partnered across R&D, Implementation, Sales, Legal, and Technical Services to develop a shared-instance deployment model that made Epic viable for smaller hospitals.
- Coordinated the R&D response to an identity-data change blocking customer upgrades; designed a low-level override adopted by 30%+ of customers.

DATA & QUANTITATIVE ENGAGEMENTS

PE-Acquired B2B SaaS Company Business Intelligence Consultant

2026 – Present

- Built Snowflake models and reporting infrastructure for ARR, revenue, P&L, and balance sheet, translating Salesforce CPQ logic into governed metrics consumed in Tableau by finance and the PE sponsor.
- Reconciled subscription and invoice data across Salesforce and financial systems, enforcing reporting grain and using window functions to prevent double-counting at the company level.

WorldQuant Part-Time Quantitative Consultant

2014 – 2016

- Developed equity-allocation algorithms using fundamental and price/volume data to identify long and short opportunities.
- Produced out-of-sample models used across U.S., European, and Asian markets; selected as one of the top 3 U.S. consultants for the 2015 World Summit.

TECHNICAL

Languages & Frameworks: TypeScript · JavaScript · React · Next.js · Angular · Node.js · Express · Swift / iOS · C# / .NET

Data & Infrastructure: PostgreSQL · MongoDB · Supabase · AWS · Vercel · Snowflake · Tableau · LLM Integrations · Embeddings & Semantic Retrieval

EDUCATION

B.A. Mathematics & Computer Science, minor in Economics — Boston University