

Sameer Khan

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Forward Deployed / AI Engineer with founder experience taking ambiguous customer and product problems from discovery through production. Built AI-commerce, bookkeeping, and venture-diligence systems across TypeScript/Next.js, Node.js, Python, LLM tool calling, and AWS; strongest in fast scoping, hands-on implementation, and translating technical systems into measurable business outcomes.

Experience

Co-Founder & Founding Engineer, agentShop – San Francisco, CA Nov 2025 – Aug 2026

- **Built and launched AI-commerce infrastructure:** Co-founded agentShop, a commerce-intelligence platform for AI shopping; shipped Shopify, WordPress/WooCommerce, and Wix integrations plus an analytics dashboard for tracking AI-driven sales and visibility across ChatGPT, Gemini, and Perplexity.
- **Public Shopify launch:** Took the Shopify product to the App Store, launched February 4, 2026, with AI PDP optimization, automated SEO, revenue attribution, AI revenue audits, and AI-shopping recommendation tracking.
- **Measurement & experimentation:** Shipped product capabilities for share-of-recommendation tracking, product-data enrichment, AI experimentation, competitor visibility, and linking AI exposure to downstream conversions.

Portfolio Technology Analyst, MARL Accelerator – Remote Jan 2025 – Jul 2025

- **Technical diligence at scale:** Conducted technical and strategic diligence on **500+** early-stage startup applications, owning the process from first call through final technical assessment.
- **AI workflow automation:** Built and deployed an AI-powered Analyst Agent that automated initial diligence and generated investment memos aligned with MARL Fund III's thesis, reducing analyst hours per deal by **70%+**.
- **Judgment under uncertainty:** Evaluated technical feasibility, architecture, team execution, and AI/product defensibility from incomplete data and unfamiliar codebases under time pressure.

Software Developer, AI Bookkeeping, PomJuice – San Francisco, CA Mar 2025 – May 2025

- **Built “Books Done Right”:** Architected an AI bookkeeping application using Next.js, React, Node.js, Python, LLM tool calling, and the QuickBooks API.
- **Measured automation impact:** Implemented an LLM-based natural-language interface that reduced manual bookkeeping effort by **80%** while achieving **95%+ classification accuracy**.
- **Human-in-the-loop product work:** Translated bookkeeping workflows and edge cases into model, prompt, API, and UI behavior for non-technical users.

Full-Stack Software Engineer, CmdTower – San Francisco, CA Apr 2024 – Aug 2024

- Built a vertical SaaS platform with TypeScript-based onboarding and authentication, a Django backend on AWS Elastic Beanstalk, and AWS CodePipeline CI/CD for deployment.

Selected Research

Explainable AI for Brain Tumor Diagnosis – MESA Research Program, Sonoma State University

- Built and evaluated CNN image-classification models (VGG16, VGG19, ResNet-50, MobileNet) on the Br-H35 brain-tumor dataset; applied LIME, SHAP, and Grad-CAM for interpretability and evaluated performance with AUC-ROC curves and confusion matrices.

Education

Sonoma State University, B.S. Computer Science – Rohnert Park, CA Aug 2023 – May 2025

- Graduated with Honors; International Student Scholarship recipient (May 2023).
- Relevant coursework: Database Systems, Data Structures & Algorithms, Computer Architecture, Software Design & Development, Computer Networking, Analysis of Algorithms.

City College of San Francisco, A.S. Computer Science – San Francisco, CA Aug 2021 – May 2023

Technical Skills

AI / ML: LLM integration, prompt engineering, tool calling, RAG, TensorFlow, PyTorch, LIME, SHAP, Grad-CAM

Frontend: React, Next.js, TypeScript, Tailwind CSS, HTML/CSS

Backend: Node.js, Python, Java, Django, Express.js, REST APIs, QuickBooks API

Cloud & Infra: AWS (Certified Developer), Docker, CI/CD, MongoDB, PostgreSQL, Vercel

Ways of working: Customer discovery, technical scoping under ambiguity, technical diligence, executive communication, ROI framing, Git, Agile