

Omer Kandemir

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Product-minded software engineer with 3+ years building AI consumer products, focused on making model output reliable enough to ship. Experienced in multimodal, context-aware AI workflows, structured outputs, and evals, from model orchestration to user-facing experiences.

Experience

Eigen Teacher

Contracted Design Engineer

May 2026 – Jun 2026

San Francisco, CA

- **Built an AI-native workflow for a generative UI product**, encoding its visual language into tokens, reusable components, and a browser-based design system that coding agents could work inside. Used Claude Code and custom skills to generate and compare interface directions while engineering how raw model output became coherent layouts, typography, hierarchy, and visual states.

OfferPilot

Co-Founder and Engineer

Mar 2023 – May 2026

San Mateo, CA

- **Co-founded and grew OfferPilot to \$100,000+ in revenue, 12,500 monthly users, and 800+ paid customers**; became the sole founder and engineer through the final year, owning AI products alongside full-stack engineering, product strategy, growth, monetization, and day-to-day technical operations.
- **Built OfferPilot's primary distribution channel to 17,500+ LinkedIn followers and 3.5M+ impressions in 2 years**, publishing curated opportunities nearly daily and driving ~40% of new signups and 100,000+ job applications through the platform.
- **Architected an AI resume evaluation system** combining multimodal resume analysis, a 100-point rubric, structured generation, and a two-axis role evaluation separating demonstrated competence from credential strength. Parallelized lightweight model calls to surface detailed resume weaknesses and role competitiveness in 10–20 seconds.
- **Built an interactive resume improvement system** that distinguishes edits the model can make from existing evidence from gaps requiring targeted follow-up questions for missing metrics, scope, or technical detail, then applies the resulting information back into a structured user profile and resume workflow.
- **Built AI-powered resume autofill**, extracting structured work history, education, skills, and links from uploaded resumes and merging them into a typed profile used across downstream AI features.
- **Owned OfferPilot's shared LLM layer and prompting**, iterating prompts by hand and migrating production workflows across Azure, OpenRouter, OpenAI, and Gemini as model quality, latency, and cost changed. Added multimodal inputs and schema-enforced structured generation for workflows that required deterministic output shapes.
- **Applied AI throughout a job-posting intelligence pipeline spanning 65,000+ live roles and 10,000+ companies at under \$3/day**, using model-based classification and enrichment to recover missing attributes, plus embeddings and semantic deduplication to reconcile inconsistent postings across sources while capturing 95%+ of U.S. tech postings surfaced across major aggregators.
- **Built AI-powered visa-sponsorship intelligence that matched 145K+ employer entities in DOL/USCIS filings to 5,548 real companies**, using AI to resolve messy government records and turning public data into a proprietary edge for international students.
- **Redesigned the user data schema for AI consumption**, replacing a flat, rendering-coupled model with a semantically typed profile covering categorized skills, work history, education, awards, certifications, languages, and publications so AI features could reason over a consistent representation of the user's background.

Veraplex Solutions

Frontend Design Engineer

Feb 2023 – Jan 2024

State College, PA

- **Designed and shipped production websites for clients** across restaurants, real estate, EdTech, luxury e-commerce, and local services, owning UX and responsive implementation from initial design through launch for [Lupita's](#), [Raysun Cleaning](#), [Achievify](#), and [Pergamia](#).

Education

Pennsylvania State University, University Park

Jun 2021 – Dec 2025

B.S. in Computational Data Sciences

Coursework: Machine Learning & AI, Deep Learning Algorithms, Data Structures & Algorithms, Database Management Systems

Skills

AI & Tooling: Claude Code, Codex, Cursor, OpenAI, Gemini, Anthropic, OpenRouter, Pinecone

AI Systems: Multi-model orchestration, multimodality, structured generation, embeddings, vector search, context engineering, evals

Engineering: TypeScript, JavaScript, Node.js, Next.js, React, Express, PostgreSQL, Firebase/Firestore, REST APIs

Product: A/B testing, behavioral analytics, user research, funnel optimization

Awards

1st Place, Nittany AI Challenge (\$15,000)

Sep 2023

- Won the \$15,000 top prize out of 71 submissions for OfferPilot, judged on the strength of the product and MVP by an industry panel.

Invent Penn State Summer Founders 2024 (\$15,000 equity-free grant)

May 2024 – Aug 2024

- Selected as 1 of 6 teams to receive \$15,000 equity-free and work full-time on OfferPilot through Penn State's Summer Founders Program. The program is Penn State's most prestigious and competitive, funded by former Y Combinator CEO Michael Seibel and Matt Brezina.

Other: 2nd of 470 Teams, Traderoid (\$2,500) | 1st Place Lion Tank Startup Competition (\$2,000) | 1st Place HackPSU (Entertainment) | 2nd Place Overall HackPSU | Audience Choice Inc.U Competition (\$2,500) | 3rd Place Happy Valley Startup Pitch Competition (\$4,000)

Certifications

[Google UX Design Professional Certificate](#) | [Meta Front-End Developer Professional Certificate](#)