

Omer Kandemir

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Software engineer who ships end to end, with 3+ years of experience across data pipelines, backend systems, AI products, and React frontends. Sole engineer on a production B2C SaaS through its final year, taking systems from product requirements through implementation and operation.

Experience

OfferPilot <i>Co-Founder and Engineer</i>	Mar 2023 – May 2026 <i>San Mateo, CA</i>
• Co-founded and grew OfferPilot to \$100k+ in revenue, 12,500 monthly users, and 800+ paid customers; became the sole founder and engineer through the final year, owning product strategy, design, engineering, AI flows, growth, analytics, and monetization. • 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. • Built a job data pipeline capturing 95%+ of new U.S. tech postings daily at under \$3/day, running multi-source scraping through semantic deduplication and deterministic normalization, then AI labeling, enrichment, and ongoing lifecycle checks to turn incomplete postings into a structured, searchable feed of 65,000+ live roles across 10,000+ companies with reliable filters. • Hardened the multi-hour job-sourcing pipeline against crashes and runaway AI costs, adding stage-by-stage checkpoints so failed runs resumed instead of restarting, and a low-cost filter that screened postings before expensive AI enrichment. • Owned OfferPilot’s Stripe subscription lifecycle end-to-end, building webhook and application logic for checkout, upgrades, downgrades, cancellations, promotions, and subscription-state synchronization across Stripe and the application’s persisted user state. • Built an AI resume evaluator that tells job seekers why they aren’t landing interviews in 10–20 seconds, grading against a data-backed 100-point rubric and separating demonstrated competence from credential strength, with parallel model calls keeping it fast. • Built an interactive resume improvement engine that balances model autonomy with targeted follow-up questions, applying the resulting edits directly to the user’s resume and building a long-term plan for the gaps no rewrite can close. • Redesigned OfferPilot’s user data model to be AI-first, turning a flat, rendering-coupled schema into a semantically typed profile that models can read and edit directly, powering resume editing, tailoring, and effective context injection across the app. • 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.	
Veraplex Solutions <i>Frontend Design Engineer</i>	Feb 2023 – Jan 2024 <i>State College, PA</i>
• 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.	

Projects

Draftpad <i>React, TypeScript, Express, PostgreSQL, Drizzle, Zod, AWS S3</i>	Jul 2026 – Sep 2026
• Built and deployed a multi-user note application from scratch with custom session authentication: cryptographically random tokens persisted in PostgreSQL, httpOnly cookies, bcrypt password hashing, and ownership-scoped queries that return 404 for inaccessible resources rather than exposing whether another user’s data exists. • Built ordered autosave and direct-to-S3 attachment flows: serialized writes through per-note promise queues and flushed pending edits on blur and unmount, then added presigned uploads so file payloads bypass server memory with ownership and object-metadata verification before persistence. Added 11 regression cases around autosave races, navigation, and remounts. • Built the backend around explicit contracts and migrations, with versioned Drizzle schema changes, Zod validation at request boundaries, centralized auth/error middleware, and GitHub Actions CI running lint and backend tests against a migrated PostgreSQL test database. Documented key architectural tradeoffs alongside the implementation.	

Education

Pennsylvania State University , University Park B.S. in Computational Data Sciences Coursework: Machine Learning & AI, Deep Learning Algorithms, Data Structures & Algorithms, Database Management Systems	Jun 2021 – Dec 2025
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Skills

Languages: TypeScript, JavaScript, SQL, Python, HTML/CSS
Frontend: React, Next.js, React Router, CSS Modules, responsive UI
Backend & Infrastructure: Node.js, Express, PostgreSQL, Drizzle ORM, Zod, Firebase, REST APIs, Stripe, AWS S3, GCP, GitHub Actions, Vitest
AI & Tooling: Claude Code, Codex, Cursor, OpenRouter, Pinecone, multi-provider orchestration, schema-enforced generation, embeddings

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
