Evan Cortez

AI Platform Engineer · LLM · OpenAI API · Python · AWS · Docker · CI/CD

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SUMMARY

AI platform engineer. I own internal LLM tooling on the OpenAI API and the production platform under it: Python, Django REST, Docker, CI/CD, and AWS. Loadpath is past proof of concept and still in development, with a human-in-the-loop review before export. Bidding, accounting, and zero-downtime delivery are already in production.

EXPERIENCE

Full-Stack Software Engineer — AI tooling & platform

Jul 2024 – Present

Right Angle Engineering · Two-person engineering team with the CTO · I own frontend, DevOps, and more of the backend

React · TypeScript · JavaScript · Python · Django REST · SQL · MySQL · Stripe · OpenAI LLM API · Three.js · AWS · Docker · CI/CD · GitHub Actions · Jest · PyTest

- Own the Loadpath pipeline end to end: ingest the architectural PDF, call the OpenAI LLM API for a 3D model and initial load connections, put the result in a human-in-the-loop Three.js review the engineer can adjust, and export DXF only after that review. Aimed at about 80% of that drafting workflow.
- Ship and operate the Python/Django REST services around that work: clear boundaries, serializers, and pagination. Settlement, intake, and other slow work run on Dramatiq, and a failed charge stays in a state finance can reconcile.
- Own the platform those services run on. Docker, AWS CDK, S3, and Secrets Manager replaced one-box releases, with Jest and PyTest in GitHub Actions CI/CD and zero-downtime ECS rollouts.
- Replaced QuickBooks with an internal accounting system on that same platform. Invoices, payments, and the close stay with bidding and collections. Finance closes the commercial book in the product.
- Shipped the bidding APIs and UI that carry ~70% of company MRR. Ops prices from that company's catalog, approval creates the invoice, and the due date follows that customer's billing cycle, with Stripe PaymentIntents, Autopay, settlement jobs, and failed-payment alerts on the same record.
- Built the operational and financial analytics the company uses: MRR, collections, throughput, and where work stalls. Ops changed handoffs once those numbers were visible. I used the same views to choose the next system to build.
- That view of intake led to portal-to-API integrations. Ops time on intake dropped ~50%, and throughput on the same book of work is about 2×. I had already run that queue before I was writing the code.
- The slow screens in those views led to a request-shape change: ~66% less API traffic and about 3× faster loads on the heaviest pages, through pagination and thinner serializers.
- Solo-built in-app stamping and packet customization on the same platform. Engineers stamp and assemble the deliverable in the product, including teams that are not in one office.
- Own the React and TypeScript UI on top of these services: operator screens for bidding, money, and analytics, plus the Three.js review where an engineer accepts or adjusts a Loadpath model.
- Was the day-to-day technical mentor for a software intern: reviewed their changes, unblocked them, and walked production deploys with them.

Project Manager → Software Engineer

Feb 2024 – Jul 2024

Right Angle Engineering

- Ran high-volume client intake, timelines, and handoffs, including the workflow I later pulled into internal APIs.
- Found the bottleneck in that operation and shipped the internal tools that removed it. That result is what moved me from project manager into engineering.
- The constraint was volume. Work arrived through external portals and manual handoffs, and the tools I shipped then are the intake path that later cut that ops time about in half.

Market Manager

Jun 2022 – Oct 2023

Solcius · Residential solar field operations

- Led a ~10-person operations team through 200+ installations. Placed in the company’s worst-performing markets, which then delivered the best results, and improved internal processes ~30%. Reported that performance to directors and upper management.

PROJECTS

BidzBase — Founder / Builder

2025 – Present

Side project · multi-tenant SaaS for subcontractors · bidzbase.com

React · Django · PostgreSQL · Redis · Stripe Billing + Connect · Docker · AWS

- Shipped estimate → proposal → accept/decline → invoice → get paid, plus scheduling, time tracking, analytics, roles, and email, on desktop and phone. About 20 users, from idea to real use in about a month.
- Multi-tenant by organization. Stripe Billing runs the product subscription, Stripe Connect lets a contractor take a card payment, and proposals and invoices generate as PDFs from the same job.

SKILLS

AI	OpenAI API, LLM, PDF document processing, human-in-the-loop review, 3D models, DXF
Languages	Python, TypeScript, JavaScript, SQL, HTML, CSS
Cloud	AWS, ECS, Docker, CI/CD, S3, Secrets Manager, CDK, Nginx
Backend	Python, Django REST Framework, REST APIs, Dramatiq, Git
Frontend	React, TypeScript, Three.js
Quality	GitHub Actions, Jest, PyTest, zero-downtime deploys
Data	PostgreSQL, MySQL, Redis
Payments	Stripe, billing, invoicing, accounting

EDUCATION

Mountainland Technical College — Web Development Certificate (JavaScript, React, Node.js, REST APIs) — Completed 2024

Utah Valley University — B.S. Information Systems coursework, about 3 semesters remaining — In progress