Andrew Kasten

Full-Stack Software Engineer | React, Python/Django, AWS | Army Veteran

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Summary

Full-stack engineer and Code Platoon graduate building production applications in Python, Django REST Framework, React, and PostgreSQL. Designed, built, and deployed two live applications on Dockerized **AWS EC2** infrastructure, including a generative-AI application integrating the **Gemini API** with schema-validated output. Six years in county government diagnosing system discrepancies and explaining them to non-technical stakeholders.

Skills

Languages & Frameworks: TypeScript, JavaScript, Python, SQL, React, Vite, Django, Django REST Framework

Infrastructure & AI: PostgreSQL, Docker, **AWS EC2**, GitHub Actions, **CI/CD**, Cloudflare Workers, LLM structured output

Practices: Root-cause analysis, Production debugging, WCAG AA accessibility, AI-assisted development (Claude Code)

Projects

Gospel Cycle: privacy-first guided reflection app · gospelcycle.app Sept 2026 – Oct 2026

Founder and lead developer · Gloo AI Hackathon 2026 · React 19, TypeScript, Vite, Cloudflare Workers

- Kept API keys off the client and cached LLM responses for 7 days behind a Cloudflare Worker that validates every reply.
- Wrote **28** unit tests and set up **CI/CD** with GitHub Actions, protected branches, and code-owner review.
- Ran user validation with practitioners and people with lived experience; iterated on navigation and copy.
- Reviewed a 390-file contributor pull request, keeping its useful pieces and leaving the rest.

Recipe Card Generator · recipes.andrewkasten.cv Apr 2026 – May 2026

Generates seasonal recipes grounded in a 50-state, 12-month produce dataset.

- Django backend and React application integrating the **Gemini API**, with structured output validated by Pydantic schemas.

Impact Desk · impactdesk.andrewkasten.cv Mar 2026 – July 2026

An activity planner for nonprofit fundraising staff to organize meetings and events.

- Built mobile-first responsive UI with adaptive navigation (side nav on desktop, bottom tab bar on mobile).
- Containerized with Docker and deployed to **AWS EC2**, then reproduced and fixed production issues from server logs.

Job-Search Agent Pipeline Sept 2026 – present

Unattended Claude Code agent · Python, Bash, Google Apps Script

- Wrote a checker that traces every claim the agent writes back to an approved content bank and quarantines misses.

Experience

Self-Employed, *Software Developer* – Remote May 2026 – present

- Shipped a registration workflow with automated tiered pricing for iTEE Global; processed 48 submissions totaling $2,734.

iTEE Global, *Digital Media Director* – Remote Mar 2021 – Oct 2025

Nonprofit education organization - owned the digital properties serving staff, donors, and students.

- Redesigned the organization's WordPress site, iteeg.org, and wrote custom code for a registration countdown.

County of San Diego, *Human Services Specialist* – San Diego, CA Aug 2015 – May 2021

- Owned a full benefits caseload from intake through determination at **99% accuracy**, under state and federal privacy rules.
- Diagnosed and resolved data discrepancies across state eligibility systems to meet mandated processing deadlines.

U.S. Army Reserve, *Psychological Operations Specialist (Deployed to Afghanistan)* June 2009 – June 2015

Education

Code Platoon – Remote 2026
Certificate in Full-Stack Software Engineering

Southern California Seminary – El Cajon, CA 2015
M.A. in Biblical Studies

California Baptist University – Riverside, CA 2008
B.A. in Graphic Design & Digital Media