Erin Kerr

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SUMMARY

Full-stack software engineer who ships AI agents and apps in TypeScript, Python, React and Next.js, working daily with Claude Code, Cursor and Codex. Came to engineering from psychology and neuroscience research, and took Carpoolio from wireframes to a 5-star app and an acquisition.

EXPERIENCE

OrderSync 2025 - Present

Design Engineer (Contract)

- Rewrote OrderSync's AI agent for order intake from Python into a typed TypeScript service on Mastra, Claude and Hono, with 35 tools.
- Designed 12 typed escalations so unknown products, price mismatches and cancellations go to a human, not into the ERP.
- Traced every extracted field back to its source, with character offsets in text and pixel bounding boxes on PDFs.
- Bound each request's tools to its tenant, so concurrent orders share no state and the model never touches the database.
- Architected the email ingestion pipeline in PHP/Laravel, including its database architecture, data models and parser services.
- Led the marketing site redesign, shipped as 8 pull requests touching 237 files from the homepage through billing.
- Engineered a token-based design system used 2,480 times at launch, cutting 450 brand-color references to 3.
- Built visual regression testing that screenshots every page in light and dark mode and flags any color outside the system.

Cyber Goose Jul 2024 - Present

Founder & Product Designer/Engineer

- Manage 20+ web and mobile products under the Cyber Goose brand, for clients and in-house, with 5 live on the App Store.
- Shipped Carpoolio, a 5-star ride coordination app, in React Native and Supabase, from wireframes to App Store launch.
- Led the negotiations that ended in Carpoolio's early-stage acquisition.
- Engineered GroupSingAlong.com, a real-time synchronized lyrics platform for live group singing, in Next.js and Pusher.
- Developed erinLLM, the chat assistant on erinkerr.me, in Next.js with the Vercel AI SDK, checked by an eval of about 30 questions.
- Set up CI/CD for Goose Tools, a creator platform, so GitHub Actions lints, type-checks and tests every pull request before Vercel deploys.
- Published Claude Code skills that check iOS apps for common App Review rejections and fill in App Store Connect.
- Grew @erin.codes, an Instagram coding community, to 17K followers with build-in-public tutorials.

Wispr AI Feb 2024 - Jul 2024

Junior Software Developer

- Raised experimental data collection throughput 10x for neurotech hardware R&D with internal tools, including a waitlisting system.
- Incorporated participant feedback into hardware-software interface changes, helping cut data artifacts by over 5%.
- Worked alongside senior engineers in tight code review loops on internal full-stack tooling.

SRI International Oct 2021 - Feb 2024

Research Associate, promoted to Senior Project Manager

- Conducted 500+ research interview sessions with adolescents, young adults and parents for two NIH-funded longitudinal studies.
- Managed operations for multi-site neuroscience studies across cross-functional teams, contributing to datasets used in 100+ publications.
- Programmed study data-collection instruments in REDCap and wrote code for parts of the data analysis.
- Increased visit completion rates by 20% through protocol coordination and quality standards.

EDUCATION

B.S. Psychology, Magna Cum Laude *Boise State University*

Coursework included statistics and research methods.

SKILLS

Languages: TypeScript, JavaScript, Python, PHP, SQL, Swift, HTML/CSS

Frameworks and data: React, Next.js, React Native, Node.js, FastAPI, Laravel, Tailwind CSS, PostgreSQL, Supabase, SQLite

Tools: Claude Code, Cursor, Codex, GitHub Copilot, Vercel AI SDK, Whisper, Git, GitHub Actions, Vercel, Xcode, Figma