

# DAVID KALINA

Full-Stack Software Engineer · Colorado / Remote

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## SUMMARY

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Full-stack engineer with 4+ years of experience building thoughtful systems across SaaS, logistics, and marketplaces. Deep in TypeScript, React, and Node.js, with a growing pull toward AWS infrastructure, Terraform, and AI-powered tooling. I ship scalable, non-blocking software that cuts costs, holds up in production, and keeps the humans using it in mind.

## TECHNICAL SKILLS

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<b>Languages</b>	TypeScript, JavaScript, SQL, HTML, CSS
<b>Frontend</b>	React, Next.js, Vue, React Native, Tailwind, Storybook
<b>Backend</b>	Node.js, Bun, Express, GraphQL, REST
<b>Cloud / DevOps</b>	AWS (Lambda, SQS, S3), Terraform, Docker, CI/CD
<b>Data</b>	PostgreSQL, Redis
<b>AI Tooling</b>	Vercel AI SDK, Anthropic Agent SDK, MCP, Claude Code, prompt engineering

## EXPERIENCE

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**Full-Stack Software Engineer** — Eel Data Systems, Colorado 2025 – Present

- **AI document pipeline:** designed and shipped an event-driven system (Vercel AI SDK, AWS Lambda, SQS, Terraform) that turns shipping PDFs into structured shipment data — cutting processing costs by 98% and saving \$20k+ annually.
- **Infrastructure as code:** provisioned the full AWS stack with Terraform — serverless compute, queues, and storage — enabling non-blocking, asynchronous workflows at scale. Remote state in S3, applies gated behind a GitHub Actions runner.
- **Core product:** built and maintained a GraphQL API powering the TMS web app; extended a Vue client and a driver-facing React Native app, delivering multiple App Store releases with new features and improved reliability.

**Software Engineer** — K-Optional Software, Colorado 2022 – 2024

- **Product delivery:** shipped production features across marketplace and SaaS products on a React / TypeScript / GraphQL / Node / PostgreSQL stack (Flowty.io and Alpha Fox — see Projects).
- **Design system:** built and documented a Storybook-driven React component library adopted as the shared design system across multiple product teams.
- **Reach & tooling:** delivered Progressive Web Apps and mobile builds to extend product reach beyond the browser; contributed extensively to engineering standards, internal tooling, and team documentation.

## SELECTED PROJECTS

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**Side Quests** · React Native · TypeScript · OpenAI · MCP · Google Places · Redis 2026

- Anti-doomscroll mobile app. An agentic workflow pairs guided onboarding with live Google Places data to generate low-pressure, real-world “quests” grounded in real venues — no hallucinated spots.
- Sole developer: product, architecture, and implementation end-to-end. Redis caches Places responses to trim spend on repeat suggestions. TestFlight beta targeted April 2026.

**Flowty.io** · React · TypeScript · GraphQL · Node.js · PostgreSQL 2024

- Real-time digital asset marketplace. Led the frontend for live buy/sell/trade flows — complex client state, real-time transaction updates, and a polished UI built in close partnership with design.

**Alpha Fox / Revive Ratings** · React · TypeScript · Storybook · Node.js · PostgreSQL 2023

- White-label multi-tenant SaaS review platform for local businesses. Shipped tenant onboarding, email + SMS campaign tooling, and business-facing dashboards on top of the shared component library.

## EDUCATION

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**General Assembly** — Software Engineering Immersive Nov 2020 – Feb 2021

500-hour full-stack program covering JavaScript, React, Node.js, Python, and SQL.