

Cody Rushing

Senior Software Engineer

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Solutions-oriented software engineer with 15+ years of experience across early-stage startups, digital agencies, and enterprise SaaS. Full stack generalist with a focus on system design, performance, and scalability. Proven ability to lead teams, collaborate cross-functionally, and own projects from inception to delivery. Human-centered, mission-driven, lifelong learner.

Work history

AidKit *Full Stack Software Engineer* January 2024 - present

- Member of the Conversational AI team which delivered a suite of LLM-backed tools including:
 - Automated message drafting to streamline support case management which reduced average case duration by 40%.
 - Document classification pipeline with natural language validation criteria and real-time updates.
 - Bespoke prompt management and conversation generation pipeline allowing partners to author, iterate, and test prompts at scale.
- Led the integration of GiveCard bank transfers into the AidKit platform, which have been used to send 13K+ payments totalling \$74M+ to date. Utilizing webhooks to provide real-time payment updates.
- Designed and delivered a privacy-focused video calling solution with end-to-end data ownership using WebRTC and AWS Chime. Used to securely and privately screen 1500+ AidKit recipients.

TypeScript • Node.js • React • PostgreSQL • DynamoDB • AWS • Claude Code • Internationalization • Pulumi • Python • Tailwind • OpenAI SDK • Webhooks

Elevation (formerly Curb) *Software Team Lead* July 2016 - December 2023

- Co-architected Curb's microservice cloud platform that enabled real-time data for 10K+ smart meters and 800+ daily active users, improving system reliability and scalability.
- Designed and implemented internal and public APIs to securely provide historical and real-time energy data using Node.js (Express) and Python (Flask).
- Implemented a custom Redis-backed cache layer around the public API, reducing average request time by 37%.
- Built UI dashboards for fleet admins to monitor thousands of IoT devices and customers, utilizing React and D3.js.
- Rewrote the timeseries data API to use AWS Timestream instead of DynamoDB, unlocking custom binning, aggregations, and interpolation while decreasing average latency by 25%.
- Created quarterly project roadmaps, spearheaded engineering initiatives, and mentored junior engineers.
- Worked closely with the product team to develop functional product specs and translated those into technical design documents.
- Led development of integration and end-to-end tests, increasing API test coverage from 20% to 100%.
- Wrote infrastructure-as-code with AWS CDK to manage the deployment of ECS services, Lambdas, single-page apps, and custom third-party resources.

TypeScript • Node.js • React • MongoDB • Redis • API design • Auth0 • D3.js • AWS • Cypress • MQTT • Websockets • NextJS • GraphQL

GreenSync *Software Engineer* October 2015 – March 2016

- Maintained a customer-facing web app providing real-time electricity metering data and interactive visualizations with D3.js.
- Wrote and maintained a suite of automated browser tests.

AngularJS • Ruby on Rails • Cucumber

Atlassian *Web Developer* November 2014 – August 2015

- Developed front-end codebase for atlassian.com and associated web properties.
 - Implemented a lightweight jQuery-based component library, custom CMS extensions, and streamlined development and build workflows.
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Razorfish *Senior Presentation Layer Engineer* April 2012 – October 2014

Developed

- Engineered high traffic web applications and CMS-backed websites for enterprise clients such as Samsung, Southwest Airlines, BlackBerry, and others.
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Monkee-Boy Web Design *Front-End Developer* July 2008 – April 2012

- Client projects consisting mostly of PHP and WordPress-backed websites.
- Translated custom UI designs into mobile-first websites and web applications.

Skills and technologies

JavaScript/TypeScript • Node.js • React.js • Python • PostgreSQL • Go • MongoDB • Redis • AWS • DynamoDB • API design
• Web accessibility • Internationalization • Websockets • D3.js • Cypress • Jest • OAuth • Next.js • Tailwind • SolidJS
• Headless CMS • Event driven systems • Coding agents • Three.js • OpenAPI • Devops

Education

University of Texas at Austin • B.S. in General Kinesiology (Biology minor)