

Alec Diaz

Software Engineer, UX/UI Designer

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EXPERIENCE

Originations Juice | Founding Engineer

Remote, October 2025 - Present

- Built and maintain a multi-tenant lending platform end to end using **Laravel, React, TypeScript, Postgres**
- Serve as technical authority to executive management, setting roadmap and platform decisions directly with the CEO
- Established quality assurance procedures - automated test suites, static analysis gates, and required review on every change before release
- Manage vendor services, tracking per-call usage and spend
- Analyze performance data and plan capacity across job queues, document processing throughput, and production monitoring
- Built the product's AI assistant on the **Claude API**, gave it 73 tools, and exposed them over **MCP**
- Secured sensitive financial and personal data - per-customer isolation, audit logging, human-in-the-loop workflows, and vulnerability scanning
- Built document extraction pipeline converting bank statements and tax returns into structured underwriting data, and a lender matching engine
- Built integrations with Google Drive, Slack, email, and intake forms
- Built, ran, and monitored all infrastructure - deploys, job queues, S3 storage, error monitoring, and CI

Leapcure | Software Engineer

Remote, April 2023 - October 2025

- Built and maintained clinical trial recruitment systems handling PHI under **HIPAA**, using **Ruby on Rails, Stimulus**, and **Hotwire**
- Rebuilt the marketing website in **Astro** and **React**, cutting load times 2x and build times 6x
- Reduced patient form load time by 4x and doubled the Pagespeed Insights performance score
- Migrated the front-end build from Webpacker to **Vite** and added **React** through **Inertia**
- Led adoption of scrum and agile on a team with no development process
- Mentored engineers on front-end development and built the assessments used for engineering hires

SKILLS

Technical | Ruby on Rails, React, Hotwire, Stimulus, Redux, Inertia, JavaScript, TypeScript, HTML, CSS, SCSS, Sass, Styled Components, Laravel, Postgres

AI | Agentic coding, parallel agents, MCP, agent tool design, LLM evals, document extraction

EDUCATION

University of California - Irvine C/O 2020 | 3.74 GPA

Bachelor of Science, Informatics

Concentration in Human-Computer Interaction

Minor in Political Science

Dean's List 9/9 quarters