ALEX MANZO they/them

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Experience

Fundrise | Senior Front End Engineer — 2022 - Present

- **Drove implementation of Datadog RUM**, enabling visibility into key performance metrics (e.g., LCP, page load time) for the first time across the web app; empowered product and design teams with access to heatmaps and session replays, accelerating UX insights and bug identification.
- **Built proactive monitoring and alerting** for critical issues such as high LCP, CloudFront errors, and excessive CAPTCHA requests, improving incident response times and product reliability.
- **Redesigned Sentry triage workflow**, introducing structured context, source maps, and seamless Datadog integration to correlate errors with session replays—transforming a noisy signal into actionable engineering insights.
- **Established and managed a triage rotation** among web engineers, mentoring team members in debugging best practices and creating scalable processes for addressing production issues.
- **Architected a unified cross-platform analytics system** spanning Web, iOS, and Android; standardized event naming and property usage to ensure consistency and reliability across all platforms.
- **Engineered a robust authentication and authorization framework** using Vue Router's navigation guards, supporting multiple token scopes and seamless user session handling.
- **Proposed and implemented secure mobile webview support**, enabling mobile teams to reuse authenticated web views in lieu of duplicating development across dozens of native screens.
- **Led performance optimization efforts**, reducing dependency on large third-party libraries, implementing dynamic imports, and improving code-splitting strategy—resulting in faster load times and improved user experience.

Unqork | UX Engineer — 2021 - 2022

Enhanced frontend architecture and developer experience by refactoring a monorepo's Webpack pipeline for faster, more reliable builds. Introduced a customizable default CSS theme using Tailwind and custom properties, along with a dynamic UI for live theming. Improvements streamlined development, reduced CI issues, and modernized the design system foundation.

Savas Labs | Fullstack Developer — 2019-2021

Built custom Drupal themes from Figma designs for global health orgs, syncing external data into Drupal content types. Shaped playful user experiences for Savas Labs and Labs microsite in line with their brand identity. Created impactful side projects, including a gender-inclusive UX quiz and a 2020-themed lorem ipsum generator built in only a few days.

NETE | Web Developer — 2019-2021

Worked closely with designers, developers, and content teams to maintain and enhance NIEHS websites. Provided QA for new team members and supported large projects with HTML, CSS, and JavaScript updates. Collaborated on multimedia efforts, creating graphics and video assets with Adobe tools to support cohesive, high-impact digital content.

Education

MA, Emerging Media	2017
Loyola University Maryland	
BA, Telecommunications	2011
Ball State University	

Skills

Proficient: JavaScript, TypeScript, Vue, React, NodeJS, Playwright, Vite, Vitest, Tailwind, Sass, Semantic HTML, CSS, Tailwind

Familiar: AWS (Cloudfront, CloudPipeline, WAF), Svelte