

Carlos Martinez

FRONTEND SOFTWARE ENGINEER

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PROFESSIONAL OVERVIEW

Frontend engineer with 5 years of experience building scalable, accessible, high-performance web applications in React, now shipping with React Native, bridging design and engineering to turn Figma prototypes and complex business requirements into clean, design-system-aligned UI.

SKILLS & TOOLS

JavaScript, TypeScript, React, React Native, Expo, HTML, CSS, Sass, Tailwind, Styled-components, Storybook, Next.js, Node.js, Express, REST APIs, SQL, SQLite, Cypress, Git, GitHub Actions, EAS, Sentry, PostHog, RevenueCat, Framer Motion

SELECTED PRODUCT WORK

Mosaic - Emotion Journal | Founder & Product Engineer | App Store: apple.com/app/6760950155 Aug 2025 - Present

- Shipped a production React Native app on the iOS App Store for privacy-first mood tracking and journaling.
- Crafted a polished UI with thoughtful mood check-ins, accessibility settings, and a calm journaling experience.
- Architected local-first SQLite/Drizzle storage, keeping entries private, fast, and offline-ready.
- Integrated production tooling: RevenueCat subscriptions, Sentry monitoring, PostHog analytics, and EAS builds.

WORK EXPERIENCE

Yubico | Frontend Software Engineer II | New York, NY

Aug 2022 - Jan 2025

- Built an interactive product-selection quiz using React, TypeScript, and Tailwind CSS, driving a 60% conversion rate from quiz completion to the e-commerce storefront.
- Reduced reliance on engineering support by developing custom WordPress Gutenberg blocks, empowering marketing teams to create and manage page content via a tailored CMS independently.
- Implemented internationalization (i18n) across React-based WordPress plugins, bringing standalone apps up to parity by supporting 5 languages in existing international markets.
- Established end-to-end testing with Cypress to ensure reliability across critical user flows, and to catch regressions in landing pages, search functionality, and custom WordPress components.

One Drop | Software Engineer, Web | New York, NY

Jun 2020 - Mar 2022

- Streamlined enterprise onboarding by building a complex, multi-step questionnaire web app with branching logic that guided users to suitable offerings and increased form completion rates.
- Accelerated mobile onboarding by integrating web-based flow into iOS and Android apps via web views, delivering cross-platform features without expanding the native team, and saving 6+ months of development.
- Built the core dashboard UI for a secure, HIPAA-compliant provider portal, enabling healthcare teams to visualize patient metrics and manage treatment plans.
- Mentored 4+ junior engineers through code reviews and technical coaching, leading team-wide efforts to standardize coding practices and improve code consistency.

Pursuit | Full-stack Web Assistant Instructor | Long Island City, NY

Sep 2018 - May 2020

- Guided 32+ students through web development fundamentals via weekly code reviews and pair programming, reinforcing best practices in maintainable, scalable code.
- Delivered workshops covering the full-stack (Node.js, Express, PostgreSQL), frontend styling, accessibility, and technical best practices.

Microsoft | Software Engineer Intern | Redmond, WA

Nov 2017 - Mar 2018

- Built a proof-of-concept testing framework in C# for an internal survey application, laying the groundwork for automated validation and improved platform stability.