

Michael Alvarez

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Front-End Software Engineer

Technical Skills

Technologies: TypeScript, Next.js, React.js, Node.js, Storybook, React Query, React Router, React Hook Form, React Testing Library, Sass, TailwindCSS, Material UI, Chakra UI, Radix UI, Styled Components, Sanity, Stripe

Software Tools: Jira, Bitbucket, Figma, Notion, Git, GitHub, GitLab, VS Code, Postman, Xmind, Webflow

Work Experience

UI Developer | Opstical | Remote

June 2022 – Present

A digital solution agency servicing SaaS products to B2B marketing pages.

- Standardized agency's UI kit using React.js, TailwindCSS, Material UI, React Testing Library, and Storybook for rigorous UI testing. Eliminated code issues and conflicts during build time.
- Overseen team's SDLC pipeline, ensuring code quality standards and producing well-organized features during weekly sprints. Improved communication workflow by 33%.

Software Engineer | Tirios | Remote

Feb 2022 – May 2022

An inclusive real estate platform in Web3 with buyers at its center.

- Streamlined reusable UI form components with proper form validations using React.js, Semantic UI, Yup, and Axios. Prevented and reduced bug fixes by 4x.
- Secured login session by verifying user and role using Next.js, AWS Amplify, and Redux on initial page load. Improved security and saved time by 2x.
- Converted CSV file into JSON data to organize and display content per listing page. Slashed content development time by 30% while ensuring continuation.
- Initiated security feature to ensure customer's token request from signed contracts with Semantic UI Form Validation and DocuSign Webhooks, resulting in 15% reduced drop-off rates.

Projects

Web Designer & Developer | Gladys Cerron Cleaning | live

Feb 2023 – April 2023

A marketing landing page, generating new leads and booking sales.

- Integrated style guide page for typography, color palettes, responsive layout, interactive elements in Webflow. By limiting within 4 breakpoints, it reduced development time by 2x for faster iterations.
- Generated new phone call leads by 35% after installing G. Business Profile, G. Tag Manager, and G. Ads.

Front-End Engineer | Audiophile | live

Jan 2023 – Feb 2023

An e-commerce app as a UI prototype, ready for implementing CMS content.

- Troubleshooted initial setup for design system with Next.js, Styled Components, Next UI, Radix UI, and TailwindCSS; It enhanced early stage development time by 2x and cutoff 30% in build time.
- Produced a seamless add to cart and checkout process to ensure user's conversion by rehydrating cart data with TypeScript, Stripe, and EasyPeasy. Potential for tracking sales funnel.

Front-End Engineer | Frisko Wave | live

Nov 2022 – Dec 2022

An e-commerce app with Headless CMS, updating product content in real-time.

- Used React.js, TailwindCSS, and Material-Tailwind for a simplified UI throughout each templated page by reducing any visual bugs and containing limited breakpoints.
- Configured custom schema for CMS tool, directly improving content editors to update content data within live production by using Sanity, Next.js, TypeScript, and Zustand.

Front-End Engineer | RATA Call | live

July 2022 – Aug 2022

A productivity app, simplified to request and record any RESTful API calls.

- Cached every search result from user inputs, retaining user engagement for reviewing previous outputs.
- Validated request url and transferred input fields between table and JSON format using React Hook Form, Zod, DnD-Kit, Zustand. Allowed users to apply proper data type while maintaining flexibility.

Education & Certificates

Certification | Visual Design, General Assembly

Online | Apr 2023

Certification | Full Stack Web Development, UC Berkeley Extension

San Francisco, CA | Mar 2020