

Michael F Alvarez

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Front-End Engineer | UI Developer

aww-micky.web.app

Technical Skills

Programming Languages : HTML \ CSS \ JavaScript \ TypeScript \ Python

Technologies : React \ Next.js \ Storybook \ React Query \ React Router \ Sass \ TailwindCSS \ Material UI \ Chakra UI \ Semantic UI

Software Tools : Jira \ Bitbucket \ Confluence \ Git \ GitHub \ VS Code \ Postman \ Insomnia \ Figma \ InVision \ Notion \ Asana

Best Practices : RESTful API \ MVC \ SDLC \ Agile/Scrum \ Responsive Design \ Mobile-First Approach \ Design Thinking

Experience

Front-End Engineer | Tirios

February 2022 – May 2022

Building an inclusive Real Estate platform in Web 3.0 with customers at its center.

- Converted style guide (color, typography, and spacing) with Semantic UI to minimize build size by 30%.
- Structured static (copy and image) content with JSON, resulting in 4 and more consistent data outputs.
- Integrated reusable form fields and validation with Semantic UI and Yup onto 6 and more forms submissions.
- Redirected users based on role and current path with AWS, Amplify, and Redux to secure session time by 75% on initial page load.

UI Developer | Opstical

October 2021 – January 2022

A software development agency for small and large contracts.

- Onboarded team on streamlining code quality standards and git flow process to reduce technical debt by 33%.
- Communicated with stakeholders and translated their needs to technical requirements for providing effective solutions.
- Configured custom UI Library with Storybook, TailwindCSS, Framer Motion, and Styled Components, speeding up design and development collaboration by 3x.
- Prepared UI testing procedures to identify malfunctions and debugged apps before launch to optimize performance.

UX/UI Teaching Assistant | Trilogy Education

July 2020 – March 2021

Supporting students on bridging the digital skills gap; learn how to research, design, wireframe, and prototype.

- Lectured multiple online classes on Git, GitHub, HTML, CSS, JavaScript, Bootstrap, and jQuery with the intent of grasping basic concepts within 30 days.
- Mentored project teams to reach MVP prototypes within a 2 weeks sprint using Asana, Figma, and InVision, resulting in 85% satisfied deliverables.
- Exchanged engineer insights for revising feasible user flows, wireframes, and prototypes, resulting in 33% more positive feedback and productive iterations.
- Facilitated weekly staff meetings by setting discussion topics and delegate roles, effectively having clear action steps.

Projects

UI Developer | Netflix Clone [[web app](#) | [code](#)]

May 2021 – June 2021

An online streaming app focused on improving current UI development.

- Scaled custom UI library using Storybook and Styled Components for reusability, speeding up development time by 2x.
- Developed a mobile-friendly and responsive layout by keeping the breakpoints within 4 devices reducing the styling pre-compile time by 60%.
- Created carousel component template with SwiperJS, Axios, and TMDB API which improved user engagement by 10%.

Certificates

Data Structure & Algorithm, *Outco*

San Francisco, CA | October 2021

Full Stack Web Development, *UC Berkeley Extension*

San Francisco, CA | March 2020