Maxwell Reed

Frontend Developer

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EXPERIENCE

First Resonance: Los Angeles — *Frontend Engineer* (React, Tailwind, TypeScript, GraphQL)

April 2022 – March 2023

- Planning, designing and building responsive enterprise-level web applications (**React**, **Sass** and **Tailwind**) serving Fortune 500 companies.
- Significantly improving the performance of multiple website views up to **200%** and enhancing their scalability, documenting best practices in testing and frontend performance.
- Spearheading performance improvements by up to **25%** of **Apollo** queries and mutations utilizing **caching**; building custom **React** hooks to improve the functionality of frontend websites allowing faster development time and improving developer experience.
- Leveraging **TypeScript** to improve type-checking and code quality, saving development time by enabling efficient comprehension of complex portions of the codebase.
- Finishing sprints early and taking additional tickets to foster increased collaboration within the team, but also resulting in enhanced deliverables and overall productivity.
- Collaborating with the backend team to identify requirements for feature development.
- Producing beautiful and intuitive features based on collaborative **Figma** designs, liaising with the team to ensure optimal **UX/UI** solutions (e.g., via **React, Typescript, GraphQL**).
- Identifying bundler security and performance issues utilizing **webpack-bundle-analyzer** to find and remove unused and out-of-date dependencies resulting in performance increases.
- Providing constructive feedback during code reviews using **Git/Github,** identifying and addressing any issues before merging changes into the production environment.
- Conducting customer visits to identify pain points and delivering customized features and workarounds improving their workflows.
- Committing to continuous learning and staying up-to-date with emerging technologies like **Vite**, **Semantic UI**, **Sass** and more to contribute to the team's success.

Apple: San Francisco — *Software Engineer* (React, Sass, TypeScript, Cypress, Playwright)

August 2021 – June 2022

- Debugging, troubleshooting and resolving critical issues (e.g., **React** and **Typescript**), such as preventing further bugs and unblocking critical features on core Apple applications and tools.
- Optimizing **Cypress** and **Playwright** testing suites thus enabling comprehensive integration and end-to-end testing from **0% to 75%+** code coverage for multiple internal applications.
- Creating concise documentation to ensure seamless collaboration within the team.
- Designing a library for credentials verification in the Apple ecosystem using **Webpack** / **customize-cra**.
- Refactoring legacy test suites via **Playwright**, increasing quality of applications in Apple ecosystem.
- Implementing custom build scripts (e.g., **Webpack)** in different **JavaScript** environments (**Angular** and **React**) to instrument code, and ultimately provide code coverage using **IstanbulJS/nyc.**

PROJECTS+

GandalficusAI (React, NextJS, TypeScript, Tailwind)

- SSO Chat application with AI who responds like Gandalf using **gpt-3.5-turbo** built in **NextJS/React**.

HopliteJS (NodeJS, Express, TypeScript, bcrypt)

- Open source auth library using **LibSodium**, **argon2**, **bcrypt** and **JWT**s to hash sensitive user data.

ADVANCED SKILLS

ReactJS / NextJS / Redux
HTML 5 / CSS 3
Apollo / urql / GraphQL
JavaScript / TypeScript
Cypress/Playwright
Storybook
TailwindCSS / Sass
Vite / Vitest / Jest
NodeJS / Express / PostgreSQL
Git / Github (Version Control)
AI (Copilot, gpt-3.5-Turbo, Stable Diffusion)

SKILLS

Databases (Relational / NoSQL)
React Router
Auth0
Webpack
Material UI (MUI)
Semantic UI
AWS / Cloudflare
RESTful API's
styled-components
Intersection Observer
Flatfile
ReactTable
BryntumGantt
Mocha / Chai
MongoDB
Svelte
Angular
Linear/Radar (Point Tracking)
Test DrivenDevelopment (TDD)

About Me

Lifelong learner! Always enjoys technical challenges and utilizing any resources available to level up new skills. Enjoys tinkering, working on cars, playing and teaching music.