

SKILLS

Mastery: JavaScript, TypeScript, HTML, CSS, React, Redux, Next, Lodash, NPM, REST, ESLint, VSCode

Proficiency: Node, Express, Webpack, Jest, Cypress, Git, Sass, Ant Design, Sentry, CSS-in-JS

Familiarity: Regex, SQL, NoSQL, AWS, D3, WebSockets, Photoshop, ImageMagick, Camtasia, Cocos2d-JS

EXPERIENCE

Files.com | Secure cloud platform for file sharing and workflows.

Senior Frontend Engineer

2020 – Present

- Directed development of the desktop app, facilitating vendor usage of our API, writing public and internal documentation, and assisting with UX and engineering decisions, leading to an all-time high of active users.
- Helped modernize the React web app, introducing new APIs and libraries such as React Hooks, React Query, and React Testing Library, while also replacing duplication with modular code, culminating in improved velocity.
- Oversaw bug triage, including the investigation of reports, monitoring Sentry, opening and prioritizing new issues on GitLab, and presenting potential causes and solutions, limiting the frequency and impact of regressions.
- Advocated for, and headed a new package-management role, bringing dozens of NPM packages up-to-date, resolving breaking changes, and refactoring as needed, eventuating in an easier-to-maintain codebase.
- Implemented an array of prominent features, including user-generated registration forms, clickwraps, inbox uploads, share link downloads, and complex settings, earning praise from satisfied customers.

Classworks | Student-teacher web app that enables standards-based curriculum taught in digital classrooms.

Lead Software Engineer

2018 – 2020

- Led front-end development on multiple greenfield projects and redefined the tech stack with React, Redux, Next.js, CSS Modules, TypeScript, and Webpack, delivering highly-performant, visually-stunning interfaces.
- Worked with DevOps and backend teams to ensure that endpoints and AWS were setup for complex feature sets, such as concurrent multi-user admin authentication and real-time multimedia messaging.
- Crafted documentation, mentored developers, employed error tracking and pre-commit hooks, and generated unit, end-to-end, and visual regression tests using Cypress and Jest, ensuring the stability of the codebase.

Senior Software Engineer

2016 – 2018

- Leveraged a variety of cutting-edge technologies including WebSockets, MediaStream API, Selection API, Web Audio API, and the Canvas API, producing interactive user experiences with a profound impact.
- Converted hundreds of Flash games over to JavaScript using the cross-platform Cocos2d-JS framework, resulting in a dramatically improved user experience that takes advantage of HTML5.
- Collaborated remotely in an agile, Scrum environment, and released open-sourced software including an IntelliSense-enabled NPM package, allowing cross-functional teams to thrive.

DigiQ | Startup-focused digital agency specializing in product development and consulting.

Founding CTO

2010 – 2016

- Founded a variety of publications including Quotery and Life'd, appearing in feature stories on multiple media outlets, and resulting in six-figure revenue-generating assets, many of which have been acquired.
- Spearheaded brand development through SEO, social media marketing, content creation, and web design, producing authoritative websites that have been frequented by over 100M users worldwide.
- Architected progressive web apps with Node, Express, and React, establishing scalable, performant frameworks that have won UI, UX, and mobile excellence awards.
- Automated the build and deployment process using Webpack, NPM scripts, GitHub, Cloudflare, and AWS Lightsail, increasing productivity and boosting site performance.
- Utilized advanced techniques including universal rendering, code-splitting, static and dynamic prefetching, service workers, and virtualized lazy-loading, allowing for instant load times and offline capabilities.

EDUCATION

Hack Reactor | Advanced Software Engineering Immersion Program

Tarrant County College | Associate of Arts (A.A.)