John Williams

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Skills

Javascript, NodeJS, Typescript, React, Next, Firebase, Google Cloud Platform, Redux, Storybook, HTML, CSS, Sass, JSS, Express, Material, Bootstrap, SQL, MongoDB, NoSQL, Git, Version Control, Nx, TDD, Jest, Cypress, Playwright, MJML, and more.

Professional Experience

Full Stack Web Developer *Freelance, Remote (Contract)*   February 2024 – Present
- Consulting with a regional automotive group to create a report consolidation script/process, increasing middle management's time on more important tasks.
- Working Upwork gigs, including bug fixes to React and NextJS apps, adjusting existing Vercel setups, and solving real-world business problems.

Junior Full Stack Web Developer *Shine Wedding Invitations, Remote*   April 2022 – February 2024
- Developed and enhanced apps and features for a multi-million-dollar e-commerce store, contributing over 200 PRs including novel apps, features, tests, bug fixes, and documentation.
- Engineered a custom content management system (CMS) with React and Typescript, allowing designers, managers, and executives to control every aspect of an e-commerce store and finalize changes through remote pipeline deployment (Bitbucket), decreasing the time between concept and deployment from several days to 5 minutes.
- Programmed an email follow-up system using MJML, cloud tasks, cloud functions, and recursion, pushing the Google Cloud Platform's boundaries and reducing the company's annual subscription costs by thousands yearly.
- Composed customer-facing frontend webpages for a NextJS website to designer satisfaction, using reference files, with bite-sized, reusable components, reducing future development time and contributing dozens of novel views for the site.
- Optimized load times and Core Web Vitals, including performance increases of 500% in some cases.
- Integrated various third-party services for a custom website, writing and consuming API endpoints, using NodeJs and often manipulating JSON, enhancing the company's SEO, marketing, and analytics capabilities.
- Translated business requirements into technical specifications, rectifying stakeholder needs with technical capabilities in scoped time frames, working with teams of up to six people at a time.
- Designed hundreds of Jest (unit), using test-driven development (TDD), and Cypress & Playwright (E2E) tests to verify code quality and ensure compliance with design requirements, dramatically increasing code coverage.

Full Stack Web Developer *Dine Hard, Remote (Contract)*   January 2022 – April 2022
- Constructed an event-based restaurant website. Led the requirement-seeking process and delivered roughly 85% of requested features in two weeks. Closed for non-technical reasons.

Self-Guided Bootcamp *Unaffiliated, Remote*   May 2021 - April 2022
- Crafted and executed a curriculum designed to transition into a career in web development, which was used to acquire a full-time position in the industry in 10 months.
- Focused on web development and design patterns, including Data Structures and Algorithms, ES6, Typescript, React, Redux, Sass, Angular, Bootstrap, Material-UI, and more.
- Examples of [coursework](#): [JS(X) Book](#), [Nexter](#), [AngularMail](#), [React Meetup](#), [Unhosted Projects](#).

Band Director *Purdue University and other institutions*   August 2014 – May 2021
- Contributed at the collegiate level, providing musical direction for concert and athletic bands, including Purdue's All-American Marching Band, furthering the department's mission for its 1500 students.
- Educated hundreds of students in a public school environment, earning consistent top ratings across all judged groups.
- Coordinated fundraising and wrote and pitched grants, earning approximately $30,000 to improve facilities, replace outdated equipment, and provide instruments, scholarships, and lessons for those in need.

Education

Purdue Global – Masters in Educational Leadership   January 2019 - August 2021
Anderson University – Bachelors in Music Education   August 2008 - May 2013