

John Williams

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Skills

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

Professional Experience

Full Stack Web Developer *Freelance, Remote* 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 more.

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 150 PRs including novel apps, features, tests, bug fixes, and documentation.
- Engineered a custom content management system (CMS), 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 cloud tasks, cloud functions, and recursion, pushing the Google Cloud Platform's boundaries and reducing the company's annual subscription costs by thousands a year.
- Composed customer-facing frontend webpages to designer satisfaction, using reference files, with bite-sized, reusable components, reducing future development time and contributing dozens of novel views for the site.
- Reduced load times and optimized Core Web Vitals, including performance increases of 500% in some cases.
- 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 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](#), [Next.js](#), [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 thousands of students in a public school environment, earning consistent top ratings across all 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.

Projects

JSX Notebook

- Built a React app REPL for javascript and NodeJS, allowing users to import and execute packages from the NPM library, write Javascript, and instantly display apps and expressions.
- Employed unpkg to fetch libraries and ESBuild for bundling, creating a fast user experience.
- Through Monaco editor and Prettier, improved visual design and notation capabilities.

Education

Purdue Global – Masters in Educational Leadership

January 2019 - August 2021

Anderson University – Bachelors in Music Education

August 2008 - May 2013