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

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 boundaries of the Google Cloud Platform.
- Composed dozens of customer-facing frontend webpages to designer satisfaction, using reference files, with bite-sized, reusable components, including forms, carousels, and other unique visual elements, decreasing future development time.
- 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

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.

Band Director, Purdue University and other institutions

August 2014 - May 2021

- Contributed at the collegiate level, providing musical direction for concert bands and pep bands, including Purdue's All-American Marching Band, furthering the department's mission for its 1500 students.
- Taught hundreds 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- Coordinated fundraising and wrote and pitched grants, earning approximately \$30,000 to improve facilities, replace outdated equipment, and provide instruments, scholarships, and lessons for those in need.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

Self-Guided Bootcamp

github.com/telestrial/Self-Guided-BootCamp

- Between May 2021 and 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: <u>JS(X) Book</u>, <u>Nexter</u>, <u>AngularMail</u>, <u>React Meetup</u>, <u>Unhosted Projects</u>.

Legends of the Jedi

<u>legendsofthejedi.com</u>

- Actively contributes as a staff member to a two-decades-running SW-focused MUD, based on the SMAUG codebase, promoting hobbyist retro gaming in a community of around 250 unique monthly players.
- Builds content with the LUA scripting language and other novel languages, creating enjoyment for others.
- Serves as a PR liaison to a diverse community, increasing support for blind and LGBTQ players.

Simply Commerce

github.com/telestrial/simply-commerce

- Building a simple e-commerce app utilizing modern Next, Postgres, and Tailwind (with daisyUI), ran through Vercel, experimenting with new technology.
- Focusing on minimalism in data structure, user interface, and purchase process, challenging myself and honing the craft.

Education