

Brad Bolander

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Front End Engineer

8+ years of a distinguished career driving organizational success through quality coding and cross-functional collaboration

Detail-oriented developer with proven experience designing and building dynamic web applications, primarily in the e-commerce and SaaS industries. Expert ability in translating design concepts into high-performance and pixel-perfect interfaces. Commitment to creating best-in-class user experiences. Known for building and implementing design systems, reusable component libraries, comprehensive E2E testing suites, front end build systems, and more.

Technical Proficiency

Languages & Libraries: HTML, JavaScript(ES6+), React.js, TypeScript, Vue.js, Next.js, Three.js, ServiceNow, Seismic

Styling: CSS3, SCSS, Tailwind CSS, Bootstrap, Flexbox, Styled Components

Other: Figma, Git, Storybook, Cypress, GCP, AWS

Accomplishments

- Wrote an extensive testing suite using Cypress, achieving a notable 75% code coverage through rigorous end-to-end testing, securing the robustness and reliability of the web application.
- Spearheaded the creation of a comprehensive Storybook site, effectively showcasing 40+ web components and the design system, facilitating streamlined development and design collaboration.
- Elevated the marketing site's Lighthouse score from the 30s to the 80s, demonstrating a direct and impactful improvement in performance, achieved via code splitting and asset optimization.
- Implemented the ability to add multiple photos to the Sandboxx letters product, resulting in a remarkable 22% surge in membership conversions.

Professional Experience

Tenon, Remote UI Engineer

Current

Developed the core Marketing Automation product for a startup in the ServiceNow ecosystem. Primarily worked on developing the "Tenon Automate" product, where users can easily create marketing content, send emails, and build automated journeys.

- Demonstrated advanced proficiency in key technologies, including Seismic, SCSS, JavaScript, and HTML. Used this expertise to enhance collaboration, developer and designer ergonomics, and contribute to the successful development of the Tenon Automate platform
- Successfully implemented a third party content creation platform that is used by several marketing teams to create emails and landing pages
- Conducted the creation of a custom Brand Kit system that allows users to upload their own colors, fonts, social links, and more, that can then be used to build content for their customers within the Tenon Content Editor.
- Heavily contributed to the creation of the Tenon Journey Builder experience in which customers can easily create automated marketing journeys for their users.

Sandboxx, Remote Web Engineer

Feb 2022 – Oct 2023

Developed and expanded the web application for a Private Equity-backed military technology startup. Built several critical features, expanding revenue, application reliability, performance, and maintainability. Primarily worked on elevating the “Letters” product, where users can easily send physical letters to their recruits in boot camp.

- Consistently applied advanced proficiency in key technologies, including React, SCSS, ES6 JavaScript, and HTML, in daily tasks. Leveraged this expertise to drive seamless collaboration, enhance project efficiency, and contribute to the successful execution of web development initiatives
- Spearheaded the creation of a comprehensive Storybook site, effectively showcasing 40+ web components and the Sandboxx design system, facilitating streamlined development and design collaboration.
- Wrote an extensive testing suite using Cypress, achieving a notable 75% code coverage through rigorous end-to-end testing, securing the robustness and reliability of the application.
- Led the successful implementation of many critical features, showcasing leadership and technical prowess in delivering impactful product enhancements.

Volusion, Austin, TX

February 2018 – March 2020

Software Engineer

Built and maintained a web application for a mid-sized SaaS company of about 200 employees, empowering users to create their own ecommerce storefronts and succeed in selling their products. Served on both the marketing and product teams driving positive results through new features, landing pages, web applications, backend data pipelines, A/B testing, and even some UX research.

- Played a pivotal role in the development of the Volusion marketing site, leveraging Vue.js, ES6 JavaScript, HTML, and SCSS to enhance user interfaces and create a seamless browsing experience.
- Elevated the marketing site's Lighthouse score from the 30s to the 80s, demonstrating a direct and impactful improvement in performance.
- Created a modern hierarchical-based onboarding survey widely embraced by the sales team, resulting in an impressive drop-off reduction of 23%.

The Tie Bar, Chicago, IL

April 2016 – January 2018

Front End Developer

Took ownership of the frontend and made considerable improvements to an ecommerce storefront web application for a small men’s fashion company of around 50 employees, but serving over 50,000 daily users.

- Led the management of the UI and front-end build systems site-wide, employing a stack that includes HTML, JavaScript, SCSS, React.js, Razor, C#, and Gulp, resulting in a cohesive and efficient development environment.
- Designed and built many critical components, such as the Mini Cart, Quickview, Size Selector, and Checkout components, minimizing drop-off, and contributing to a seamless and user-friendly shopping experience.
- Fostered cross-team collaboration by actively engaging with many different departments, ensuring precise implementation of new pages and web components to meet design specifications and marketing goals.

Core Competencies

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| ● Component Based Development | ● Responsive Design | ● Object Oriented Programming |
| ● Design System Integration | ● Automated Testing | ● Mobile First Development |
| ● Performance Optimization | ● Dynamic Communication | ● Accessibility |
| ● Animation | ● Cross-functional Collaboration | ● Version Control |

Education

Web Development Immersive, General Assembly