

Stefan Bobrowski, Front-end Developer

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Professional Summary

Highly skilled Front-end Developer with over a decade of experience developing web applications. Up-to-date with cutting-edge web technologies and quick to learn new skills, having successfully consulted on a broad range of projects for many clients from a wide array of industries. Passionate about providing business value, creating streamlined user experiences, and writing clean, performant, and well-tested code.

Skills

Software & Languages

JavaScript, Typescript, React, Redux Saga, Node, Express, GraphQL, Apollo, MongoDB, Docker, Git, CSS, SASS, Figma, Jira, Jest, React Testing Library, Github Copilot

Architecture & Processes

REST, UI/UX, Component Design Systems, Agile/Scrum, Accessibility, NoSQL, Server-side rendering, Micro-front ends, Web Sockets, Unit testing, Integration testing, End-to-end testing

Experience

Software Engineer, The Home Depot

May 2021 - Dec 2022

- Led development of "Questions & Answers" component redesign (Figma, React, GraphQL), seen on all product pages, which resulted in a significant increase to customer click-through rate.
- Served as Release Captain, conducting daily code reviews, approving and merging pull requests, writing release notes, and deploying changes to production.
- Leveraged test-driven development using Jest and React Testing Library, transitioning from Enzyme tests, increasing test coverage to 100% for many components.
- Created and solved existing Jira issues while staying on a quarterly schedule.
- Onboarded and mentored new engineers on best practices within a large organization.

Software Developer, Vibrant Software

July 2020 - May 2021

- Led development of Nomad Portal (React, Redux Saga, AWS), a content and asset management platform powered by AWS AI/ML services. Featured dynamically generated rich asset metadata and tags, advanced search with filters, and content facial recognition.
- Led development of VEP Virtual Stage (React, Redux Saga, AWS, Web Sockets), a live streaming platform that has been successfully used for live virtual events and concerts. Featured multiple stream support, live chat, donation form, and fully configurable content from JSON.

Full Stack Web Developer, Hat Trick Designs LLC

June 2019 - July 2020

- Full stack application development for clients from various industries utilizing the MERN stack.
- Architected REST API using Express and Mongoose.
- Built front end state management system with React Hooks useContext.

Front-end Web Developer, Direct Wines

February 2019 - May 2019

- Joined an agile team of developers and designers to build new product microsites.
- Developed customer check-out component for creating, retrieving, updating, and deleting payment methods (JavaScript, Fetch, async/await).
- Researched and tested emerging front end technologies such as Web Components, Vue, and React with Hooks for use in future code base.
- Improved SEO and accessibility with metadata and Structured Data markup, allowing for search results to display custom widgets such as reviews and featured links.

Front-end Web Developer, Kathy Kuo Home

December 2017 to September 2018

- Prototyped new features and weighed UI/UX decisions with Design Lead and CEO.
- Developed sister-site (<https://www.kathykuohome.com/designbar>), successfully displaying business portfolio to clients.
- Implemented Google Analytics and Google Optimize A/B tests, resulting in an increased click-through rate for new UI design changes.
- Increased Google PageSpeed Insights score by 300% and reduced average page load time by 3 seconds.

Front-end Web Developer, Finalsite, Healthcasts, Archi FX LLC

September 2014 - December 2017

- Finalsite: Succeeded in a fast-paced Agile environment building many responsive websites for schools globally (SASS, jQuery, custom CMS).
- Healthcasts: Implemented product microsites containing sensitive medical diagnostic information (Node, NPM scripts, jQuery, animations).
- Archi FX LLC: Led front end development on new responsive websites (Flexbox).

Web Developer Freelancer, oDesk

November 2007 - July 2014

- Worked on various freelance projects primarily with HTML, CSS, and JavaScript.

Education

Bachelor of Science in Computer Science, University of Connecticut

September 2010 - May 2014