

# Stefan Bobrowski, Full Stack Developer

Jacksonville, AR 72076 • stefanbobrowski1@gmail.com • 203-395-2674

<https://stefanbobrowski.com> • <https://linkedin.com/in/stefanbobrowski>

## Professional Summary

Full Stack Developer with 10+ years of experience building scalable, high-performance web applications. Proficient in JavaScript, React, Node.js, Express, front-end styling, API development, and full-stack cloud architecture on Google Cloud Platform (GCP). Passionate about writing clean, maintainable code, architecting robust APIs, optimizing performance, and delivering user-focused solutions that drive measurable business value.

## Technical Skills

### Languages & Frameworks

JavaScript, TypeScript, React, Next.js, Vite, Redux-Saga, Node.js, Express, Apollo, MongoDB, CSS, SASS, Jest, React Testing Library

### Cloud & DevOps

Google Cloud Platform (Cloud Run, Cloud SQL, Cloud Storage, BigQuery, IAM, Compute Engine), Docker, GitHub Actions, Bitbucket Pipelines, Load Balancing

### API Development

REST, GraphQL, Postman, WebSockets, Rate Limiting, reCAPTCHA v3

### Architecture & Patterns

Micro-frontends, Server-side Rendering (SSR), Component Libraries, Agile/Scrum, TDD/BDD, A/B Testing

### AI Technologies & Tools

Vertex AI, Gemini, GitHub Copilot, ChatGPT

### Design & Collaboration Tools

Figma, Jira, Confluence, Git

## Professional Experience

### Frontend Developer, Camelot SI LLC, SharperImage.com

Sep 2023 - Feb 2025

- Spearheaded the redesign of key CRO components—including checkout, cart, login, VIP account, returns portal, and site-wide layout (header/footer)—within a modern Next.js e-commerce architecture.
- Contributed to Bitbucket Pipelines CI/CD workflow across dev, staging, and production; regularly merged pull requests, cut releases, and triggered early-morning deployments and hotfixes.
- Reduced frontend bundle size from ~50MB to ~12MB by auditing and removing unused packages, upgrading dependencies, and optimizing build configs—dramatically improving pipeline reliability and build speed.
- Consolidated GraphQL requests into a single batched query, improving frontend performance and reducing

API overhead.

- Integrated Contentful-based feature flags and A/B tests for dynamic marketing campaigns.
- Delivered features and bug fixes for the internal Merchant Center dashboard used by warehouse and customer support teams; implemented a Git Flow branching strategy and documented deployment process in Confluence.

## **Software Engineer, The Home Depot**

May 2021 - Dec 2022

- Led development of "Questions & Answers" component redesign (Figma, React, GraphQL), improving engagement and CTR.
- Served as Release Captain; reviewed PRs, wrote release notes, and deployed to production.
- Increased test coverage to 100% for several components by transitioning from Enzyme to RTL + Jest.
- Onboarded and mentored new engineers on best practices within a large organization.

## **Software Developer, Vibrant Software**

July 2020 - May 2021

- Led development of the Nomad Portal, a content management system using React + Redux-Saga and powered by AWS AI/ML services. Featured dynamically generated rich asset metadata and tags, advanced search with filters, and content facial recognition.
- Built VEP Virtual Stage a live streaming platform that has been used successfully 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

- Developed full-stack apps with the MERN stack.
- Frontend React with Hooks and state management with useContext, backend REST API with Express and Mongoose.

## **Front-end Web Developer, Direct Wines**

February 2019 - May 2019

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

## **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.
- Created 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, Archi FX LLC, Healthcasts, Finalsight**

September 2014 - December 2017

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

### **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