

MATTHEW ABERHAM

Full-stack engineer with nine years of experience including six years of specializing in React & Vue.

Technical Skills

Front-End Development: JavaScript, TypeScript, React (Redux/Next), Vue (Vuex/Nuxt), CSS (Less/Sass), Jest, Mocha, Selenium, Storybook, Figma, GraphQL, Accessibility

Back-End Development & CMS: C# .NET, Ruby on Rails, Node JS, Sitecore CMS, Strapi CMS

Infrastructure & Tools: AWS, Azure, Heroku, Docker, Webpack, Babel, Gulp

Professional Experience

PERFICIENT, INC. (Remote, US)

Solutions Architect

Lead Software Engineer

Senior Software Engineer

August 2021 – Present

March 2019 – August 2021

February 2018 – March 2019

- Architecting highly trafficked, publicly facing web applications using React JS, Vue JS, C# .NET, and Sitecore
- Designing and implementing front-end design systems of reusable components, style guides, and documentation
- Leading the front-end development for a major regional grocery store's website rebuild; achieving the highest level of accessibility amongst food retail websites in the US
- Leveraging Lighthouse to audit and optimize performance, leading to better SEO and reduced marketing costs
- Implementing robust security measures, including phone verification, 2FA, secure payment gateways, server validation, and regular security audits, resulting in a significant reduction in security vulnerabilities and ensuring the protection of user data
- Establishing test-driven development standards, resulting in decreased production defects and enabling faster deployment through continuous integration.

THRESHOLD 360, LLC (Remote, US)

Full-stack Software Engineer

October 2016 – February 2018

- Built a VR application using React and Three JS, enabling users to create and view custom "street view" experiences
- Created an application that allowed the sales team to place the VR plugin into an existing web page and deploy a mirror of that page for prospective clients to preview the plugin's implementation, increasing marketing engagement by 40%
- Constructed responsive image processing apps and admin interfaces using React, Redux, and Ruby on Rails, accelerating time-to-market for VR experiences
- Developed RESTful APIs to support async front-ends and for secure B2B CRUD operations

HSN, INC. (St. Petersburg, FL, US)

Software Engineer I

May 2014 – October 2016

- Redeveloped legacy web applications with modern front-end JavaScript supported by .NET MVC
- Developed a web application to digitize internal workforce planning, enabling seamless shift scheduling and time-off management, resulting in increased productivity and improved scheduling accuracy.
- Modernized the Siebel Order Management front-end post IE8 support, saving HSN from costly upgrades
- Integrated Oracle's Omnichannel marketing services into Restful APIs supporting HSN.com to enable ad targeting

VIP SOFTWARE CORP. (St. Petersburg, FL, US)

Web Developer

October 2013 – May 2014

- Developed document generation/management applications built using JavaScript/jQuery and Ruby on Rails
- Streamlined marketing lead acquisitions by creating Node-based web scrapers
- Assisted development of a WebSocket-based messaging application plugin, enabling internal communication by users
- Performed content updates and SEO enhancements for clients, facilitating customer success pre-CMS integration

Education

Bachelor of Science in **Management Information Systems** – The University of Tampa, Tampa, FL, US

May 2014

Certifications / Other

Sitecore Platform Associate Developer, French Language (C1), German Language (A1), WSET 3, **US/EU Citizen**