

Brian S. Reed

Senior Software Engineer

Senior Software Engineer with over 15 years of software development experience in local Government, large corporations, and start-ups. Self-taught, autodidact with passion for learning and exploration. An Army veteran with the resourcefulness to overcoming any design and engineering challenge.

Skills

Language

HTML	18 yrs
CSS	18 yrs
JavaScript	16 yrs
Sass/SCSS	12 yrs
TypeScript	10 yrs
SQL	8 yrs
GraphQL	7 yrs
PHP	7 yrs
C#	6 yrs

Framework

React	10 yrs
Node.js	10 yrs
Angular	4 yrs
React Relay	3 yrs
React Native	0.5 yrs

Library

SASS	6 yrs
Redux	5 yrs
Tailwind	4 yrs

Certifications

Certified Scrum Master

Scrum Alliance
2021

EMT - Specialist

NREMT
2023

Experience

Lead Software Engineer - Design System Specialist

Anywhere Real Estate September 2024 - Present

- Drove the engineering and adoption of a scalable React component library, enhancing developer efficiency and cross-platform consistency.
- Developed a custom Figma plugin to manage design tokens, ensuring a single source of truth between design and code.
- Developed a completely bespoke engineering focused demo website to show off all component variants and properties. The demo site build documentation from JSDOC and typescript type definitions.
- Established best practices for front-end architecture, integrating the design system with CI/CD pipelines for streamlined updates.

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Butterfly Network, Inc. September 2021 - September 2024

- Collaborated with product managers, designers, and other stakeholders, to create technical specifications and manageable user stories with detailed acceptance criteria and anticipated QA effort.
- Led cloud frontend development including maintenance and expansion of internal design system and React Component Library and cloud frontend SAAS.
- Attained Certified Scrum Master and led scrum ceremonies and encouraged agile practices, improving team productivity by documenting dependency chains and removing road blocks for team members.

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CoStar Group July 2019 - September 2021

- Spearheaded the improvement and expansion of a comprehensive shared React components library, enhancing reusability and efficiency.
- Ensured optimal front-end performance for both desktop and mobile web applications, delivering a seamless and responsive user experience.

Developer Advisor

Anthem, Inc. February 2019 - July 2019

- United multiple teams to successfully rebuild an internal React Native framework, scaling it across multiple mobile applications and significantly enhancing performance and maintainability.
- Architected high-level React components to ensure scalability and reusability, facilitating consistent development across various mobile applications and

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Experience (continued)

Software Developer

80/20 Software Consulting - Array Digital, LLC. February 2015 - October 2017

- Consulted with a finance company and built dynamic front-end web applications using Angular, ensuring a seamless user experience.
- Built robust back-end systems with ASP.NET Web API, Node.js, and PHP to support diverse application needs.
- Created, published mobile hybrid applications using Ionic/Cordova and Angular, providing cross-platform functionality.
- Maintained, upgraded, and enhanced legacy ASP.NET WebForms applications, adding new features and improving performance.

Web Designer / Developer

City of Virginia Beach July 2009 - February 2015

- Developed sophisticated mapping applications utilizing Google Maps and ESRI Map APIs, providing advanced geospatial solutions.
- Built a custom content management system (CMS) leveraging SharePoint APIs, streamlining content creation and management processes.
- Designed visually appealing websites in line with existing branding and marketing materials, ensuring a cohesive and professional appearance.
- Created custom SharePoint web parts, and SharePoint site templates including photo galleries, video libraries, and calendars, enhancing site functionality.

Volunteer Experience

Emergency Medical Technician (Volunteer)

VB Rescue September 2022 - October 2024

- Conducted patient assessments, administered treatments, and monitored vital signs during transport.
- Collaborated with emergency response teams and communicated effectively with medical personnel.
- Delivered compassionate patient care and support to individuals and families during emergencies.