Seth Broweleit

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SUMMARY

Accomplished Senior Front End Developer with success in web application development, data visualization, compatibility, responsive design, flexible layouts, interactivity, functionality, animation, testing & debugging. Envisions simpler solutions, develops the technology, and effectively communicates benefits to colleagues & clients. Known by colleagues for staying ahead of the curve in knowing the front-end technologies and techniques.

Industry Concepts: RWD Layouts, Data Visualization, Agile Development, Prototyping, and Performance.

Industry Knowledge: Accessibility, Authentication, Component Libraries, Design Systems.

Personal Skills: Innovative, Adaptable, Solution-Oriented, and Attentive to Detail.

EXPERIENCE

Perficient, Cincinnati OH - *Lead Technical Consultant*

JUL 2024 - PRESENT

- Drove consistent and visible project decisions, ensuring clarity and alignment across teams.
- Proactively clarified project scope for QA, eliminating roadblocks and enabling efficient testing.
- Served as a key un-blocker for Quality Assurance, providing upfront clarity on scope to prevent ambiguity and delays.
- Understood and executed complex design requirements, creating UI components that visually scaled with their parent containers.
- Engineered repeatable and dependable features, enhancing consistency and simplifying its integration across various forms.
- Drove the architectural redesign of routing, delivering crucial features like deep linking and enabling a more versatile navigation system.
- Improved user experience by refactoring a tabs component, ensuring consistent and accurate responses to user interactions and data updates.
- Streamlined data processing by analyzing existing code and SQL database logic, subsequently integrating APIs to simplify complex operations and improve efficiency.
- Led UI demos and presented architectural improvements to stakeholders.
- Work closely with stakeholders in a collaborative environment to envision modern software architectures.
- Responsible for flawless functionality of UI by meticulously ensuring bug-free features.
- Developed services to share logic & state across multiple components.
- Work in a scaled Agile environment with Scrum methodologies to ultimately improve products.
- Contributed to team growth by mentoring new developers and promoting adoption of web development best practices.

    Technologies: Recoil-JS · Styled-Components · CSS3 · JavaScript / TypeScript · Jest · React testing library · REST · Tailwind CSS · SASS · React · Web Animations · SVG · MUI · Figma

Insight, Cincinnati OH - *Principal Software Engineer*

APR 2020 - MAR 2024

- Rapidly prototyped new features using the latest technologies.
- Used testing frameworks including to maintain codebase health.
- Developed a progressive web app with data visualizations to display real-time status of bottle-filling metrics.
- Maintained & debugged components of a design system component library.
- Ensured web apps adhered to WCAG guidelines, making them usable for everyone, regardless of ability.
- Crafted responsive UIs that gracefully adapted to different screen sizes & devices providing a seamless experience for desktop, tablet, and mobile users.
- Created a portal with interactive multi-step flow UI & user authentication that allowed a client & their customers to manage large construction projects online.
- Developed a progressive web app that enabled overworked nurses to generate critical reports faster & easier.
- Created a portal that enabled customers of a client to manage the display of smart bottle-filling stations & allowed editing & previewing of video playlists that resulted in more engaged customers.
- Contributed to a next-generation rewrite of an internal claims application with accessibility in mind.
- Collaborated with the client in designing a mobile-friendly app to streamline their business needs & requirements with their clients & projects.
- Mentored new developers to develop skills with best practices.

    Technologies: React, Redux, HTML5, SVG, Tailwind CSS, JS / TypeScript, Angular, CSS3, SASS, D3.js, GraphQL, Figma, Material UI, NgRx, RxJS, Vue.js, Websockets, & Node.js.

Insight, Cincinnati OH - *Senior Software Engineer*

JAN 2015 - APR 2020

- Maintained a design system including documentation that empowered developers & designers to reference the component library.
- Developed a web app that saved & mapped real-time status data of a fleet of vehicles, drivers, and landmarks resulting in users having accurate statuses of ride-share location.
- Developed mobile/tablet app that quickly logged info & images into assessment platform resulting in the client having a multi-platform mobile app with a single code base.
- Implemented new features & upgraded existing features in the application UI based on requirements, mocks, and feedback.
- Developed a web app to collect information via a dynamic survey & then present personalized product recommendations.
- Promoted to Principal Software Engineer.

    Technologies: React, Redux, HTML5, SVG, Tailwind CSS, JS / TypeScript, Angular, CSS3, D3.js, React Native, Figma, GreenSock, Material UI, Vue.js, Websockets, Cordova, Sketch, SASS, & Node.js.

Perficient, Chicago IL - *Solutions Architect*

FEB 2012 - JAN 2015

- Built a modern, responsive web app to integrate access to all company data with single-sign-on.
- Created precise interfaces from wireframes or mockups using reusable code.
- Developed a web app to display live timing & the scoring of real-time racing data.
- Created dashboards with data visualizations to display health & maintenance statuses sent from emergency vehicles.

    Technologies: React, HTML5, SVG, JS / TypeScript, Angular, CSS3, D3.js, Sketch, & PHP.

Perficient, Chicago IL - *Senior Consultant*

JUL 2008 - FEB 2012

- Developed CMS sites to track & report on health physician & provider performance. Vue, SharePoint hosted app, Power BI.
- Delivered internal web tool that allowed employees to assess KPIs, track progress towards targets, view trends over time, and leverage best practices across hospitals.
- Built pixel-perfect, flexible interfaces on top of CMS platforms.
- Promoted to Solutions Architect.

SAPPINGTON, Seattle WA - *Technical Project Manager*

MAY 2005 - SEP 2007

- Developed interactive Microsoft Office application demonstrations in Flash for Microsoft marketing teams.

King County Budget Office, Seattle WA - *Microsoft Access Developer*

OCT 2004 - DEC 2004

- Developed and implemented new features and upgraded existing features to existing Visual Basic/SQL code and managed for relational integrity.

Microsoft, Redmond WA - *A/V & Data Tech Specialist*

APR 1999 - AUG 2004

- Configured multimedia systems, applications, and hardware for operation/production.

EDUCATION

Bates Technical College, Tacoma WA - *Associate of Arts, Communication Technologies*

1997 - 1999

Washington State University, Pullman WA - *General Studies*

1996 - 1997

Shoreline Community College, Location - *Associate of Arts, General Studies*

1993 - 1996