

# 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

- Works closely with stakeholders in a collaborative environment to envision modern software architectures.
- Works in a scaled Agile environment with Scrum methodologies to ultimately improve products.

### **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.
- Responsible for flawless functionality of UI by meticulously ensuring bug-free features.
- 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.
- Worked with the frontend, backend, and remediation teams on bug fixes, unit testing, and continued improvement of a claims product.
- 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.
- Developed services to share logic & state across multiple components.
- 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