

Emily Bermudez

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PROFILE SUMMARY

A passionate and results-driven Front-End Engineer specializing in crafting accessible, high-performance UIs. I've spent the last three years architecting and maintaining a reusable component library (React, Redux, TypeScript, SCSS) that powers over 5 product lines and consistently meets WCAG AA standards. Thriving in cross-functional environments, I collaborate closely with designers and back-end engineers to turn complex requirements into elegant, user-friendly platforms. I'm now seeking to bring my blend of technical rigor, curiosity, and collaborative mindset to a forward-thinking web development team.

WORK EXPERIENCE

Frontend Software Engineer Sonatype | 2022-present

- **Architected and maintained** an internal React UI component library (React, TypeScript, SASS), ensuring each component met WCAG AA standards which scaled across 5+ applications, and accelerated team delivery velocity.
- **Led key component library initiatives**, including the prototyping and validation of dark-mode support and a React Testing Library conversion to streamline testing and prepare for a future major React upgrade.
- **Diagnose and resolve complex UI bugs**, conducting deep dives into component behavior and browser quirks to deliver reliable fixes within tight SLAs, using Jest, Java and React Testing Library for rigorous unit and functional testing.
- **Lead cross-functional PDLC collaborations** with designers, developers and project managers to deliver high visibility, full stack initiatives using React, Redux and Java – most recently driving a full landing-page rebrand on schedule.
- **Evaluate and integrate** new charting React charting libraries (versus Looker data visualizations) to improve rendering performance by 20%, enhance accessibility, and align visualizations and filtering capabilities with product branding.
- **Evangelize front-end best practices** via bi-weekly demos and hands-on workshops, accelerating adoption of new UI components and fostering knowledge across 4 product teams

Lead Photographer Edge Imaging | 2014- 2021

- Trained and supervised seasonal staff in an inclusive environment in which all employees could succeed and uphold strict quality standards
 - Collaborated effectively with colleagues to photograph school-aged children while successfully adhering to daily schedules in a fast-paced environment
 - Troubleshoot and resolved equipment issues promptly, minimizing downtime and ensuring session completion
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PROJECTS

Misfires React | HTML5 | SASS

A soccer lineup application enabling users to customize team formations, lineups and assign players to preferred positions. Features include managing player availability and adding substitutes as needed

Haikus Highway REST API | React | Firebase | CSS3 | HTML5

A poetry creation app where users can craft and save original haikus, with API powered next-word suggestions and real-time editing capabilities for a seamless creative experience.

- Collaborated with a 4-person team, specifically implementing React Router, Firebase, syllable tracking logic and styling according to client request

Weather to Run REST API | JavaScript | HTML5 | SASS

A weather application that provides users with API-powered local weather conditions for their run. It generates personalized clothing recommendations for the current weather and issues warnings for various weather concerns.

SKILLS

- **Front-End:** React, Redux/Redux Toolkit, TypeScript, JavaScript, React Router, HTML, CSS, SCSS, BEM
 - **Testing:** React Testing Library, Jest, Selenium
 - **Web Standards:** Web Accessibility (WCAG 2.1 / 2.2, ARIA)
 - **Tools & Methodologies:** Git & GitHub, Version Control, NPM, Yarn, Ramda, Figma, Photoshop & LightRoom
 - **Other:** Java (learning)
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EDUCATION

Web Development Bootcamp Juno College of Technology | 2022

JavaScript Juno College of Technology | 2021

Intro to Web Development Juno College of Technology | 2021

Masters of Documentary Media Ryerson University | 2012 - 2014