

Josh Harrison

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SUMMARY

Experienced Frontend Engineer with 10 years in software development, specializing in creating integrated web experiences and enhancing user interaction through React, JavaScript, HTML, CSS, and design systems. Proven track record in web accessibility, user research, and cross-functional collaboration, leading to successful product enhancements, improvements, and cost savings. Seeking to leverage expertise in UI frameworks and prototyping to drive innovative user experiences.

WORK EXPERIENCE

- Intuit

Boise, ID

Frontend Staff Software Engineer

Aug 2022 - Present

 - Guide a team in developing an integrated web experience, utilizing iframe APIs, React, and JavaScript to enhance user interaction with time tracking features.
 - Enhance and update legacy UI experiences using React, HTML, CSS, and internal design components and tokens based off of Figma designs
 - Design and implement a proof-of-concept for time tracking integration, significantly reducing projected delivery timelines from years to months through innovative technical strategies.
 - Develop the first reusable plugin for time tracking to support theme-switching and ensure consistent design language across multiple platforms.
 - Collaborate with cross-functional teams to uphold web and accessibility standards, integrating design system components to improve user interface consistency.
 - Contribute to three internal design systems to enhance components and fix bugs that are used across multiple Intuit products and over 400 features.
 - Create working prototypes with React, HTML, and CSS based off of Figma designs to demonstrate design/UX concepts, assess technical feasibility, and present alternative solutions
- Time Tracking Accessibility Leader, Staff Software Engineer

Aug 2021 - Aug 2022

 - Developed and delivered an accessibility awareness program, educating team members on the needs of customers with disabilities and the use of assistive technologies.
 - Conducted customer interviews to gather insights on feature usability with assistive technologies, leading to the identification and resolution of critical bugs.
 - Enhanced web accessibility by creating a hidden toolbar and custom keyboard shortcuts using React and internal design components, coupled with analytics tracking for usability improvements, culminating in a published blog post and presentation at a leading accessibility conference.
 - Coordinated with an external contractor to complete an accessibility audit, resulting in the successful remediation of 15 product features to enhance user accessibility and Intuit's second VPAT
- Sr. Software Engineer

Feb 2019 - Aug 2021

 - Led a team to develop and deliver location-based features for web and mobile platforms using Google Maps API, React, HTML, CSS, and internal design components.

- Created reusable components to enhance functionality for location- and map-based experiences.
- Co-authored a patent for innovative device-based location determination (IPR-2011747US).
- Streamline Google Maps API usage and component functionality, achieving \$95k in annual savings and enhancing system stability.

Intel

Hillsboro, OR

Web Developer

Jan 2015 - Jan 2019

- Developed and delivered training materials on TDD, CI/CD, and Agile/DevOps methodologies
- Engineered reusable web components to standardize development across the organization using AngularJS and Bootstrap.
- Supported multiple JavaScript framework-based web applications, while also constructing proof-of-concept applications to inform framework selection decision

EDUCATION

DeVry University

A.S., Electrical and Computer Technology

DeVry University

B.S., Network and Communication Management

CERTIFICATIONS

Accessibility Champion - Subject Matter Expert, Intuit

SKILLS

HTML • CSS • SCSS • Responsive Web Design • Web Accessibility Standards • Assistive Technology • JavaScript (Native, Libraries, and Frameworks) • UI Frameworks (React) • Figma (Dev Mode) • Documentation, Presentation, and Teaching • Creativity and Innovation • Cross-functional Collaboration • User Research and Testing • Material-UI (MUI) • Wireframes and Prototypes

VOLUNTEER WORK

Active Volunteer, Chair the Hope

Feb 2020 - present

- International wheelchair distributions
- Participate in local projects, fundraising, and create corporate partnership opportunities