Josh Harrison

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SUMMARY

Seasoned Frontend Staff Software Engineer with 9 years of experience, specializing in React, JavaScript, and accessibility. Led cross-functional teams at Intuit; delivered innovative solutions, enhanced design systems, and championed accessibility initiatives. Seeking to leverage expertise in frontend development and team leadership in a Staff Frontend Software Engineer role.

WORK EXPERIENCE

Intuit — Boise, ID

Frontend Staff Software Engineer — Aug 2022 - Present

- Lead a team to integrate QuickBooks Online and QuickBooks Time, delivering a cohesive user experience through iframe APIs and React.
- Develop initial framework for time tracking integration, significantly reducing projected timeline from years to months.
- Develop the inaugural reusable plugin to facilitate 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.
- Streamline Google Maps API usage and component functionality, achieving $95k in annual savings and enhancing system stability.

Time Tracking Accessibility Leader, Staff Software Engineer — Aug 2021 - Aug 2022

- Developed and delivered an accessibility awareness class, enhancing organizational understanding of disability-inclusive practices and assistive technologies.
- Conducted customer interviews to assess feature use with assistive tools, identifying and documenting critical usability issues for resolution.
- Enhanced web accessibility by creating a hidden toolbar and custom keyboard shortcuts, coupled with analytics tracking for usability improvements, culminating in a published blog post and presentation at a leading accessibility conference.
- Collaborated with an external contractor to complete a comprehensive accessibility audit, resulting in the remediation of 15 features to comply with industry standards and Intuit's second VPAT using Microsoft Accessibility Insights and axe DevTools.

Sr. Software Engineer — Feb 2019 - Aug 2021

- Led a team to develop and deliver location-based features for web and mobile platforms, created reusable components to enhance functionality, and co-authored a patent for innovative device-based location determination (IPR-2011747US).

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.
- Supported multiple JavaScript framework-based web applications, while also constructing proof-of-concept applications to inform framework selection decision.

EDUCATION	DeVry University A.S. in Electrical and Computer Technology DeVry University B.S. in Network and Communication Management
CERTIFICATIONS	Accessibility Champion - Subject Matter Expert, Intuit
SKILLS	HTML • CSS • SCSS • Responsive Web Design • Wireframing and Prototyping • Web Accessibility Standards • Assistive Technology • JavaScript (Native, Libraries, and Frameworks) • UI Frameworks (React) • Reusable UI Components (Material-Ui, Custom) • Figma (Dev Mode) • Documentation, Presentation, and Teaching • Creativity and Innovation