Cara Clarke

Software Engineer

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Experienced IT professional with a background in front-end development, coding, and testing. Skilled in software development best practices as well as programming languages and frameworks like JavaScript and ReactJS. Dynamic software engineer adept at building reusable component libraries and fostering collaboration to drive project success.

Core Expertise

Web Accessibility • Software Engineering • Front-End Development • ReactJS • JavaScript • HTML5/CSS3

Professional Experience

SENIOR SOFTWARE ENGINEER • Quickbase, Inc. — 2020 – Present

- Tech lead of a team of four that supports other UI groups with incorporating accessibility tools, adhering to best practices, and rebranding new design language.
- Collaborates with design and product management teams to streamline workflow with an emphasis on web accessibility from project conception; maintains library of reusable components for accessibility and design updates.
  - ⇒ Proposed initial project to update reusable component library and created development framework and testing to assess accessibility for use by feature teams. Secured buy-in from leaders, adding two additional engineers to the project.
    - Trained and mentored new engineers in accessibility to initiate technical updates for project, establishing a "training Friday" program for consistency and spearheading development of automated testing capabilities.
    - Completed component library overhaul in less than one year, enabling ongoing product accessibility improvements.

SOFTWARE ENGINEER II • Quickbase, Inc. — 2018 – 2020

- Worked as part of a six-member, cross-functional working group that provided UI team support in accessibility formatting, branding design language, and best practices in web development, creating streamlined project workflows. Integral part of team tasked with updating library of reusable components.
- Primary front-end engineer on a team of five focused on core application functionality, and administrative and executive platform usage
  - ⇒ Initiated cross-functional testing effort in collaboration with centralized quality assurance (QA) team to evaluate largescale feature, communicating with QA engineers to parse testing results and actionable bug tickets as team liaison.
    - Finished testing under deadline with no adjustments to targeted release date, earning recognition from leadership.
  - ⇒ Coordinated writing of front-end code for new features, recognizing areas of omission and communicating with back-end engineers to assess feature functionality. Reviewed designs with user experience (UX) designer, creating and prioritizing tickets to break down front-end development.

FRONT-END WEB DEVELOPER • CVS Health/Aquent — 2016 – 2020

- Built out designs as member of front-end team, planning and executing features and components that improved accessibility.

FRONT-END WEB DEVELOPER • Burke Software and Consulting — 2016 – 2016

- Scripted the front-end for password management system, PASSIT, using Angular2 and TypeScript.
- Assisted in Burke Software operations and development, as well as contract work for clients.

JUNIOR INTERACTIVE DEVELOPER • Codiscope — 2015 – 2016

- Developed front-end web products for team creating eLearning courses, building eLearning interactions and assets.
- Collaborated with design teams to produce user interfaces for courseware, assisting with sprint planning, creating JIRA tickets, and testing for QA.

Education

MS in Software Engineering • Boston University

BS in Technical Communication • Arizona State University

Certified Professional in Accessibility Core Competencies • International Association of Accessibility Professionals

Web Development Immersive • General Assembly