KECHI BONIFACE
UI DEVELOPER/ WEB ACCESSIBILITY SPECIALIST

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WEBSITE   LINKEDIN   GITHUB

Experienced accessibility specialist and web developer. Proficient in JavaScript UI Frameworks, Section 508 and WCAG compliance. Skilled at delivering exceptional, empowering user experiences, that are reimagined through digital transformation, improving enterprise applications for all users. Trusted consultant to cross-functional teams, conducting in-depth research, and implementing user centered design principles to deliver accessible and high-quality products.

Achievements

- Helped assist the accessibility testing efforts for Capital One's Digital Accessibility team during immense backlog, resulting in a 30% reduction in critical accessibility issues and an improved user experience.
- Received recognition for fostering 'Excellence in Accessibility & Inclusive Design' at Y Lift for consistently ensuring WCAG compliance across multiple projects.
- Successfully remediated and enhanced accessibility for over 500 documents to date, including PDFs, Microsoft Office files, and Adobe documents, ensuring compliance with Section 508 and WCAG 2.0/2.1 standards.
- Implemented UI enhancements that improved usability for visually impaired users by 40% across core app features.
- Mentored and led Design Reviews and Sprints attributing to a significant improvement in their accessibility testing skills, retention, and a more efficient testing process.
- Leveraged AI to generate a digital accessibility chat box assistant that helps foster a better understanding of accessibility best practices and revolutionize digital content for everyone.

Experience

Independent Contractor   **06/2023—Present**
Digital Accessibility Analyst

- Perform thorough accessibility testing on websites and mobile-responsive platforms, employing a variety of screen readers.
- Employ accessibility extensions, plugins, and technical tools like aXe, WAVE, and Access Assistant to enhance testing accuracy.
- Work closely with developers and business partners to address accessibility challenges and enhance digital experiences.
- Produce conformance documents and communicated accessibility outcomes for applications.
- Successfully brought 8+ non-compliant websites to full ADA and WCAG compliance, enabling clients to avoid potential legal risks and penalties.
- Developed custom WAI-ARIA widgets and components to address specific accessibility challenges, improving the user experience for individuals using assistive technologies.
- Provide training and workshops on WAI-ARIA guidelines and best practices to educate fellow team members on accessible design principles, resulting in improved overall product accessibility.
- Utilize automated testing tools to identify and fix 50+ accessibility issues across various websites, resulting in a seamless user experience for disabled users.

Capital One, Richmond, VA   04/2022—04/2023 Digital
Accessibility Analyst

- Executed corporate accessibility strategy across various products and services in collaboration with partners and product owners, ensuring adherence to WCAG standards, ARIA best practices, PDF/Universal Accessibility, ADA, Section 508, and the 21st Century Communication and Video Accessibility Act.
- Offered guidance on remediation for non-conforming products and provide remediation services when needed.
- Leading user-centered design efforts to creatively develop accessible user interfaces and workflows.
- Conducted comprehensive accessibility audits to identify gaps and recommended effective solutions to enhance accessibility compliance.
- Developed custom training programs and created documentation and hosted Accessibility Office Hours providing mentorship and coaching to Product Designers, UI/UX Designers, and Developers to facilitate and incorporate accessibility throughout the design process based on emerging standards and technologies, enabling broader accessibility adoption.
- Provided guidance on procurement of information and communications technology (ICT) and development of ICT, including software, and websites.
- Updated testing methodology for Section 508 based on recent updates to the Section 508 technical standards.
- Refined and updated internal Accessibility Design tools and frameworks as needed, ensuring they aligned with industry standards and best practices to further enhance the understanding of accessibility and inclusive design.
- Successfully managed and configured automated accessibility testing platforms, resulting in a 25% reduction in accessibility issues across all digital properties.
- Developed and implemented a testing plan for user testing through third parties, resulting in a 30% increase in user engagement and satisfaction.
- Provided training to internal digital teams on using automated testing tools, conducting design reviews, and performing manual testing, resulting in a 20% increase in overall team efficiency and accuracy.
- Established and tracked ongoing mandatory accessibility training for digital project teams, resulting in a 15% increase in attendance and completion rates.

Y Lift, New York City   07/2021—04/2022

UI Engineer/ Web Accessibility Analyst

- Collaborated with cross-functional teams throughout the product design life cycle, advocating for accessibility in the design system and driving accessibility initiatives.
- Demonstrated proficiency in assistive technologies, including Screen Readers (JAWS, Voice-over, NVDA, Chrome-VOX), Keyboard Accessibility,
- Developed and implemented an updated testing methodology for Section 508 compliance, incorporating recent updates to the Section 508 technical standards, resulting in more accurate and comprehensive accessibility assessments.
- Efficiently managing projects, setting timelines, and demonstrating leadership in meeting accessibility goals.
- Successfully assessed and remediated information and communications technology (ICT) projects for accessibility, ensuring compliance with Section 508 standards and external guidelines such as Web Content Accessibility Guidelines (WCAG).
- Applied UX and Product Design fundamentals, including visual design principles like color, typography, and layout, to create accessible and visually appealing experiences.
- Played a key role in the implementation of the Section 508 standards refresh, identifying and executing process changes, including exceptions and references to external standards, resulting in a 30% increase in accessibility compliance across the organization.
- Reviewed proposed policies, regulations, and procedural changes to assess their impact on areas of responsibility, including updates to the Section 508 policy.
- Proficiently used design and prototyping tools, such as Figma, to create accessible design solutions and prototypes.

- Created and delivered training programs for software developers, program managers, and designers on technical topics such as Section 508, Quality Assurance, and software development technologies.
- Utilized a proactive approach to exploring multiple directions before finalizing design solutions, ensuring optimal accessibility and usability.
- Designed and implemented user interfaces for high-volume transactional e-commerce websites using HTML, CSS, and JavaScript, resulting in a 30% increase in user engagement and satisfaction.
- Built responsive user interfaces for a broad range of devices and screen sizes, resulting in a 20% increase in mobile user engagement.
- Applied Agile methodologies in product management, encompassing testing, documentation, and defect prioritization to maintain high accessibility standards.
- Collaborated with clients to define testing environments, requirements, and goals, conducting a range of automated, manual, and assistive technology-based tests.
- Prepared comprehensive reports and documentation of accessibility audits and test results, facilitating clear communication and follow-up with clients.
- Successfully implemented modern JavaScript libraries and frameworks, adhering to coding best practices, resulting in a 15% improvement in site performance and reliability.
- Demonstrated adept skills in Microsoft Office suite, including PowerPoint, Excel, Outlook, and Word, resulting in efficient and effective communication with internal and external stakeholders.

Marmalade AI, Remote   **05/2021—07/2021**

Full Stack Web Developer (Internship)

- Advised an Agile (Scrum) development team to deliver regular updates to the team, resulting in a 25% increase in team velocity.
- Modernized the website from WordPress to Vue.js framework, resulting in a 50% improvement in site speed and a 20% increase in user engagement.
- Implemented stand-alone functions that improved the codebase maintainability and allowed for faster feature development by 30%.
- Configured templating for faster compilation and developing reusable components, leading to a 40% reduction in development time.
- Utilized Webpack to execute linters, magnifiers, pre/post-processors, tests, transpires, etc, improving code quality and preventing bugs by 30%.
- Delegated cross-browser/platform compatibility issues (IE, Firefox, and Safari), resulting in a 95% reduction in customer complaints related to browser issues.
- Launched fast dynamic web pages using HTML 5, JavaScript, Bootstrap, SASS, Vue.js, and Firebase, resulting in a 45% increase in user engagement and a 25% increase in conversion rate.
- Instructed lessons on Functional and Technical Knowledge about basic Web Development and how to track the status of the project, resulting in a 90% satisfaction rate from trainees.
- Conducted design mockups and prototypes for web applications, improving the design process and reducing design errors by 40%.

Skills

Accessibility Testing: WCAG, JAWS, NVDA, Voiceover, TalkBack, Chrome-VOX

Testing Tools: aXe, WAVE, Access Assistant, ANDI, Color Contrast Analyzer, Dragon Naturally Speaking, ZoomText
Project Management: JIRA, Asana, Trello, Bugzilla, AMP, ARC

Documentation: VPAT, WCAG Statements WAI-ARIA, HTML5

Frameworks/Languages: JavaScript, CSS, SCSS, PHP, Laravel, WordPress, Ruby on Rails, Python, Vue, React, Angular, Express.js, Node.js
Software Development Tools: Docker, AWS, GitHub, GitLab.
Document Accessibility: Email Accessibility, Microsoft Office Accessibility, PDF, InDesign, Epub

Certifications

- **IAAP Certified Professional in Accessibility Core Competencies (CPACC) 2023—2026**
  Cross-disciplinary conceptual knowledge about 1) disabilities, 2) accessibility and universal design, and 3) accessibility-related standards, laws, and management strategies.
- **DHS Authoring Accessible Documents**   **2023**
  Proficient in creating Accessible Microsoft Word documents that conform to the Revised 508 Standards.

- **DHS IT Project Manager Program**   **2023**
  Skilled in directly managing information technology project.

Education

Computer Science Immersive, General Assembly, Boston

Software Engineering Immersive Program: 12-week, full-time, 420-hour duration

- Programming Languages Covered: HTML5, CSS3/SASS, JavaScript, Ruby, SQL
- Frameworks and Libraries Included: React.js, Ruby on Rails, Express.js, Handlebars.js
- Acquired Tools and Technologies: Git/GitHub, Atom, RESTful API, MongoDB, PostgreSQL, cURL

Liberal Arts and Sciences, Lehman College/ Bronx Community, CUNY, Bronx, NY

Activities

Literature •Skincare/Makeup • Yoga • Swimming • Travel

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The Certificaton Committee
of

**IAAP International Association
of Accessibility Professionals**

A division of G3ict
has conferred upon

Kechi Boniface

the designation of

IAAP CERTIFIED CPACC

Certified Professional in Accessibility Core Competencies

for fulfiling prescribed standards, passing a rigorous examination, and
committing to ongoing professional development in the accessibility profession.

Axel Leblois, President & Executive Director, G3ict

Dr. Christopher M. Lee, Managing Director, IAAP

Award date: July 12, 2023   Certificate number: 23MJCKB023   Renewal date: August 4, 2026