**Kerwin Thompson**

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| **Front-end Developer** | |
| Highly motivated Senior Frontend Engineer with a Bachelor's degree in Computer Science and over 7 years of professional experience. Deeply passionate about creating seamless user experiences, with a proven record in planning, architecting, building, and owning significant web apps using React.js, JavaScript, CSS, Relay, and GraphQL. An expert in the technical execution of web projects through hands-on development and prototyping, who understands the essence of bridging the gap between graphical design and technical implementation to create user-friendly products. Demonstrates a deep understanding of core modern web concepts such as Single Page Apps, server-side versus client-side rendering, and the “behind-the-scenes” intricacies of HTML rendering. Familiar with server-side technologies, especially Node.js, and has a demonstrated flair for design and UX sensibilities. Committed to developing new user-facing features and building reusable code and libraries for future use. Strives to ensure the technical feasibility of UI/UX designs. Seeking to leverage these skills to contribute towards the mission of revolutionizing hearing care through affordable, convenient telemedicine solutions. | |
| **TECHNICAL EXPERIENCE** | |
| Expertise in frontend and full-stack web development with comprehensive knowledge of modern JavaScript libraries and tooling, including React.js, Node.js/npm, Redux, and ES6/Babel. Proficiency in the execution of web projects using HTML, CSS, and BOOTSTRAP to ensure the technical feasibility of UI/UX designs. Highly familiar with server-side technologies such as Node.js, MongoDB, MySQL, PostgreSQL, and NGINX. Skilled at utilizing REST API for the seamless interaction between different software components. Proficient with Git and GitHub for version control, and experienced in using Google Cloud for data storage and access. Proficient with Figma and Canva for digital design and prototyping. In-depth understanding of modern web concepts including Single Page Apps, and the distinctions between server-side and client-side rendering. Familiarity with PHP, Python, and C#, as well as Laravel and VSCode. Proficient with WordPress and Drupal for CMS-based web development. Knowledgeable in using Microsoft Office Suite and Adobe Photoshop. | |
| **WORK EXPERIENCE** | |
| **Full-stack Software Engineer** | |
| Cyversify Ltd | 2020 – Current |
| * Full stack developer for various custom web-based applications to synthesize and disseminate complex information for cross-functional teams and clients. * Developed and contributed to both front-end and back-end code, including application structure, database selection and creation, UI/UX design and logic. * Contributed to code refactoring and introduced new technologies to meeting industry standardization. | |
| **System Administrator** | |
| Caribbean Union College | 2019 – Current |
| * Developed an SIS platform for a school to manage student attendance, records, and HR functions. * Achieved a 30% improvement in attendance tracking accuracy and reduced administrative workload by 40% through a comprehensive record management system. * Implemented an easy-to-use interface resulting in a 20% increase in user adoption and maintained the platform with 99% uptime and a 15% improvement in system performance. | |
| **IT Administrator** | |
| Caribbean Union College | 2016 – 2019 |
| * Spearheaded directive for new ICT infrastructure that increased productivity by 50%. * Added financial recordkeeping functionality to database, minimizing workload for the accounts department by 70%. * Pushed for and built online registration website, improving administrative productivity by estimated 80%, saved school 20% in paper expenses and minimized registration time by 60%. | |
| **EDUCATION AND TRAINING** | |
| **Practicum US**  Software Engineering Certification | 2022 – 2023 |
| **University of Hertfordshire, Hatfield, Hertfordshire**  Bachelor of Science in Computer Science 1st Class Honours | 2016 – 2018 |
| **University of Trinidad and Tobago** Advanced Diploma in Electronics Engineering Technology | 2003 – 2005 |