**Kerwin Thompson**

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| **Software Engineer** | |
| Innovative Frontend Developer with over 5 years in IT and more than 9 years in teaching, offering a unique blend of artistic creativity, technical proficiency, and educational expertise. With a comprehensive understanding of modern JavaScript, React, Node.js, and SQL/NoSQL data stores, I deliver exceptional front-end solutions that are both visually stunning and functional. My proficiency extends to working with Java/Spring Boot and Azure Cloud technologies, underpinned by my commitment to continuous integration, continuous deployment, and automated testing. With a passion for co-creating with end-users and following agile development practices, I aim to deliver consumer experiences that continually push for improvement and make a lasting impact. | |
| **TECHNICAL EXPERIENCE** | |
| Frontend Web Development, Object-Oriented Programming, ReactJS, NodeJS/npm, REST API, Webpack, ES6/Babel, JavaScript, Redux, Git, Java/Spring Boot, SQL/NoSQL databases, Azure Cloud Technologies, HTML, CSS, Bootstrap, Figma, Agile Development Practices, Continuous Integration, Continuous Deployment, Test-Driven Development (TDD), Automated Build Processes, Next JS (Preferred), and proficiency in Modern JavaScript frameworks and libraries. | |
| **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. **Tech Stack:** JavaScript, React, NodeJS, PHP , SQL, RESTful API, Google Cloud, AWS | |
| **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**  Certificate - Software Engineering | 2022 – 2023 |
| **University of Hertfordshire, Hatfield, Hertfordshire**  Bsc in Computer Science 1st Class Honours | 2016 – 2018 |
| **University of Trinidad and Tobago** Advanced Diploma in Electronics Engineering Technology | 2003 – 2005 |