**Kerwin Thompson**

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| **Software Developer** | |
| Highly motivated Software Engineer with a Bachelor's degree in Computer Science, leveraging over 5 years of IT experience, as well as a unique 9-year tenure in education. Expertise includes a strong understanding of programming concepts, and mastery of modern web development tools, from Single Page Apps, JavaScript libraries and server-side technologies. Equally competent in the LAMP and MERN stack, creating stunning and functional web interfaces that resonate with users. Possessing a blend of technical proficiency and artistic creativity further enhanced by a keen sense for UX design. Strong leadership qualities, problem-solving ability, and an unrelenting dedication to continual learning, punctuality in project execution, and a background in technical desktop support and electrical engineering. Seeking to leverage this diverse skill set to become an invaluable asset to your team. | |
| **TECHNICAL EXPERIENCE** | |
| Web Development, Object-Oriented, Programming, PHP, Python, C#, Laravel, ReactJS, NodeJS/npm, ExpressJS, REST API, Webpack, ES6/Babel, JavaScript, JQUERY, Redux, Redis, Linux, Git, GitHub, MongoDB, MySQL, PostgreSQL, NGINX, Google Cloud, HTML, CSS, BOOTSTRAP, Figma, Canva, VSCode, WordPress, Drupal, Microsoft Office, Adobe Photoshop | |
| **WORK EXPERIENCE** | |
| **Software Developer** | |
| Cyversify Ltd | 2020 – 2023 |
| * Designed, developed and contributed to enterprise-level software applications, while recommending software improvements for optimal functionality. * Developed various custom web-based applications, using technical specifications, solution diagrams, flowcharts, and other core solution documents making it accessible for cross-functional teams and clients. * Writing and updating frontend and backend code, including debugging and testing, application architecture, database selection and creation, UI/UX design and logic. | |
| **Systems Administrator** | |
| Caribbean Union College | 2019 – Current |
| * Developed an SIS platform for school to manage student attendance, records, and HR functions. * Significantly enhanced attendance tracking accuracy by 30%, while also reducing administrative burden by 40%, through the successful development of an advanced record management system. This not only streamlined processes but also improved overall operational efficiency. * Showcased exceptional technical expertise in creating an intuitive interface, which boosted user adoption by 20%. Consistently maintained the platform with a near-perfect uptime of 99%, leading to a 15% boost in overall system performance. | |
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| **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%. | |
| **High School Teacher** | |
| South Caribbean Conference | 2010 – 2019 |
| * Proven dedication to student success through various strategies, including high pass rates, diverse subject communication, differentiated instruction, hands-on initiatives, and continual improvements based on assessment data. * Embraced technology in the classroom, teaching a range of software skills and developing ICT documents for future online testing, while continually staying updated with latest teaching and technology trends. * Demonstrated leadership both within and beyond the classroom, initiating student-focused events, participating in key committees, fostering school-wide innovation, and undertaking teaching responsibilities across multiple forms and departments. | |
| **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 |
| **References Available Upon Request** |  |