**Kerwin Thompson**

Clarksville, Tennessee • (321) 315-3842 • kerwindows@gmail.com • [Linkedin](http://linkedin.com/in/kerwindows) | [GitHub](https://github.com/Kerwindows) | [Portfolio](https://kerwindows.com) |

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| **Software Engineer** | |
| Dynamic Senior Frontend Engineer with over 5 years of experience in the IT sector and a 9-year background in education, offering an exceptional combination of technical skill, creativity, and pedagogical expertise. Committed to crafting efficient, aesthetically pleasing, and user-friendly web solutions, I bring substantial experience working with technologies such as TypeScript, React, HTML5, and CSS3.  I thrive in autonomous work environments while maintaining the ability to collaborate effectively with teams, continuously seeking best practices and innovative solutions. My experience spans various projects, including SaaS products, where I have prioritized user satisfaction over technical novelty. My commitment to empowering users aligns seamlessly with your mission to enable every individual to be a creator.  Drawing from my experience in both the LAMP and MERN stacks, I am equipped to contribute meaningfully to your early frontend architecture, develop performant new features, and collaborate in iterating on APIs. My dedication to translating designs into clean, pixel-perfect code can help accelerate your vision of making web page creation an enjoyable and accessible experience for all users. | |
| **TECHNICAL EXPERIENCE** | |
| Frontend Development, Object-Oriented Programming, TypeScript, SaaS Product Development, HTML5, CSS3, ReactJS, Node.js/npm, Express.js, REST API Integration, Webpack, ES6/Babel, JavaScript, Redux, Git, GitHub, Autonomous Work, Rapid Prototyping, User-Centered Design, TypeScript, VSCode, MongoDB, MySQL, PostgreSQL, CSS Preprocessors, Agile Development, Web Page Design, Responsive Design, Figma, Canva, 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. **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**  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 |