**Kerwin Thompson**

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| **Full Stack Software Developer** | | |
| Innovative Application Developer with over 3 years of industry experience and extensive programming knowledge. Incorporating a unique blend of technical expertise and artistic creativity. Exceptional front-end skills, coupled with proficiency in the LAMP Stack and MERN Stack, creating visually stunning and functional websites and web applications that leave a lasting impression. | | |
| **TECHNICAL PROFICIENCIES** | | |
| Web Development, Object-Oriented, Programming, PHP, Laravel, ReactJS, Node, ExpressJS, REST API, Webpack, 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** | | |
| **Full-stack Software Engineer** | | |
| Cyversify Ltd | | 2020 – Current |
| * Contributed to expansion of company footprint, by spearheading the development of numerous web-based applications and synthesize and disseminate complex information for small and large businesses. * Developed and contributed to both front-end and back-end code, including application structure, database selection and creation, UI/UX design and logic. * Improved company code integrity through code refactoring and meeting industry standardization. **Tech Stack:** Javascript, React, NodeJS, PHP , SQL, RESTful API, Google Cloud | | |
| **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%. | | |
| **PROJECT EXPERIENCE** | | |
| Practicum US Software Engineering |  | |
| **Frontend Developer for Netflix Clone UI App** Responsibilities Included: | | |
| * Developed responsive and reusable UI components with clean, structured code. * Incorporated ESlint standards and optimizing performance using React Libraries. * Handled API errors effectively and ensuring compatibility across various screen resolutions. | | |
| **Tech Stack:** HTML, CSS, React Libraries, Node Package Manager, TMDB RESTful API, Nginx, Certbot, Google VM | | |
| **React Full-stack Developer for Meme Sharing App with Authentication/ Authorization** Responsibilities Included: | | |
| * Created a maintainable backend server with Node and Express. * Developed reusable UI components and incorporated responsive design. * Utilized Git/Github for version control and efficient collaboration. | | |
| **Tech Stack**: HTML, CSS, React, Express, NodeJS, Restful API, MongoDB, Node Package Manager, Nginx, Certbot, Google VM | | |
| **HTML and CSS Developer**  Responsibilities Included: | | |
| * Organized CSS classes using Block Element Modifier standard. * Deployed sites to gh-pages (GitHub) using Webpack. * Ensured responsive and adaptive designs for various screen resolutions. | | |
| **Tech Stack**: HTML, CSS flexbox and grid, Webpack | | |
| Cyversify Limited Software Engineer | | |
| **Lead Full-Stack Developer for Linkwi.co Network Profile Business Card Web App** Responsibilities Include: | | |
| * Developing front-end design and functionality with a focus on user experience. * Integrating WIPAY International Payment RESTFUL API for seamless transactions. * Enhancing user authentication, authorization, and security measures. | | |
| **Full-Stack Developer for HR Management White Label App** Responsibilities Include: | | |
| * Architect asynchronous programming and developing KPI statistical dashboard. * Implemented shift management system and role-based access control. * Collaborated closely with the project manager for personalized customer service. | | |
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| Full-Stack Developer for CheckinTT Taxi App Responsibilities Include: • Creating a QR code scanner webpage and mobile-responsive user dashboard interface. • Developing efficient file architecture for asynchronous programming. • Writing reusable AJAX scripts for an improved user experience.  Full-Stack Developer for School Database Management App Responsibilities Include: • Developing an asynchronous admin dashboard for real-time NFC/RFID scans. • Integrating Telegram API for automatic alerts and bulk messaging. • Overseeing database architecture, optimizing code, and leading refactoring efforts. | | |
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| **EDUCATION AND TRAINING** | | |
| **Practicum US**  Software Engineering Certification | | 2022 – 2023 |
| **University of Hertfordshire, Hatfield, Hertfordshire**  Bachelor of Science in Computer Science First Class Honours | | 2016 – 2018 |
| **University of Trinidad and Tobago** Advanced Diploma in Electronics Engineering Technology | | 2003 – 205 |