**Kerwin Thompson**

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**Web Developer  
Summary**

As a highly skilled web developer with five years of experience, I bring a unique blend of technical expertise and artistic creativity to the table. My exceptional frontend skills, coupled with my proficiency in the LAMP Stack and MERN Stack, enable me to create visually stunning and functional websites and web applications that leave a lasting impression.

My strong attention to detail and understanding of responsive design and modern web standards ensure that every project I work on is not only beautiful but also user-friendly. With experience in UI/UX design wireframes and API's, I can seamlessly integrate user interfaces with back-end functionality.

As a team player who has worked with Agile methodologies and Git, I am skilled at collaborating with cross-functional teams to deliver successful projects. My experience in e-commerce projects and content management systems has taught me to balance client needs and ensure that projects are delivered on time and within budget.

If you are looking for a dynamic and versatile web developer to elevate your team, look no further. I am excited to contribute my skills and passion to your organization.

**TECHNICAL PROFICIENCIES**

ReactJS, Node, ExpressJS, REST API, Webpack, JavaScript, Redux, JQUERY, Linux, Git, GitHub, PHP, MySQL, PostgreSQL, Nginx, Google Cloud, Redis, HTML, HTML, CSS, BOOTSTRAP, Figma, Canva, VSCode, WordPress, Microsoft Office, Adobe Photoshop

**TECHNICAL PROJECTS**

**Watch Trailers App** Netflix clone (2023) [Site](https://trailer-watch.kerwindows.com/):*React|* TMDB Restful API

Frontend React application

* Used useState,useRef hooks, routing, react-icons
* Reusable components
* Google cloud to *host front end build*

**Face Detection App** (2022) Sites: [React](https://kerwindows.github.io/face-recognition-app/)

*React| Express | NodeJS |* Clarifai Restful API *| MongoDB*

*React Application with backend authentication*

* Implemented Clarifai face detection API.
* Used useState hooks, routing, bcrypt, cors, particlesbg
* Git/Github *and gh-pages to host front end build*

**Around React App** (2022) [Sites](https://kerwindows.students.nomoredomainssbs.ru/):

*React| Express | NodeJS | JavaScript | Restful API | MongoDB*

*Media Sharing Full stack application a custom built API with user authentication*

* Built maintainable, reusable UI components with React.
* Implemented JS classes to render and create cards
* Used useState and useRef hooks
* Maintained version control using Git/Github *and Google Cloud to host build*

**Linkwi Social Profile App** (2021) | [Site](https://linkwi.co) I [Demo](https://youtu.be/2jUaGwwnA7E)   
 *PHP | JavaScript | jQuery + AJAX (currently being refactored using REACT and NodeJS)*  
+ Full-Stack developer for LinkWi App

* NFC-enabled business card web app.
* Cart checkout feature using the WIPAY International Payment API
* Integrated vCard Library for contact download
* It also to accept online payments
* User Authentication and Authorisation
* Combing collaboration and leadership skills for effective project completion.

**HR Management App** (2020) | [Demo](https://youtu.be/lS7LKin4RPE)

*PHP | JavaScript | jQuery + AJAX*

Full-Stack developer for the creation of a Human Resource Management Web Application for two well established companies in the Caribbean - ANSAMCAL and Citeup.

* Employer and employee updates, notifications, post notices, images, pdf files, countdown meeting timers, and add, edit, and review statistics using dynamic JS charts.
* Role management
* User Authentication and Authorisation
* Working closely with user/clients throughout the development processes for truly personalized customer service.

**Checkin Taxi App** (2020) | [Site](https://projectone.cyversify.com/)

*PHP | JavaScript | jQuery + AJAX*

LAMP Application of a PWA taxi application. [Images](https://kerwindows.com/#work)

* Implemented QR code technology to scan taxi driver information on entering vehicle
* Give passengers a sense of security by sending automated email alerts to their loved ones about their location and the details of the taxi they are entering.
* Applied AJAX for better user experience and seamless operations

**School Database Management** **App** (2019) | [Demo](https://youtu.be/T33ovXlQPVI)

*PHP | JavaScript | jQuery + AJAX / MySQL*

Full Stack developer of an advanced custom school database Management System.

* Dynamically display students' and teachers' RF id scans upon entry to the school compound,
* Automatic alerts to parents and guardians using a telegram API
* Keeps track of employee attendance, onsite status, and profile information
* Give teachers the ability to request time off.

**Ecommerce Clothing Store Website** (2017) | [Site](http://estore.kerwindows.com) I [Demo](https://www.youtube.com/watch?v=Ey_efWUbvwQ&t=863s)

*PHP | JavaScript | MySQL | Bootstrap | PayPal API*

* First project using PHP in a real-world application.
* Integrated PayPal API for online purchases
* Used Sessions to store user authentication
* Used JavaScript for dynamic filtering
* Applied Bootstrap CSS classes Front-end

**Additional HTML CSS Grid Responsive Projects**  
[Site 1](https://kerwindows.github.io/web_project_1/) | [Site 2](https://kerwindows.github.io/web_project_2/) | [Site 3](https://kerwindows.github.io/web_project_3/)

**PROFESSIONAL EXPERIENCE**

Cyversify Ltd (Remote)

**Application Developer** (2020 – Current)   
Built various web-based applications to synthesizing and disseminate complex information for streamlined cooperative strategizing and digital implementation for small and large businesses.

* Built various web-based applications to synthesize and disseminate complex information for streamlined cooperative strategizing and digital implementation for small and large businesses.
* Resolute problems within source code and determine potential user experience drawbacks.
* Contribute ideas for improving the company's reputation through code integrity and standardization.
* Develop, implement and configure web content management solutions for technologies such as React, HTML, JavaScript, and web services
* Development of the front-end code, including developing application structure, styling, and business logic on the front end.
* Implement robust HTML5/CSS animations
* Implement JavaScript and CSS UI animation
* Proactively research and keep the team abreast of emerging technologies

**Software Engineer Freelancer | Systems Administrator [Remote]** (2019 – Current)

* Developed a commercial WordPress plugin for Divi WordPress Theme
* Built various WordPress websites for personal clients
* Continuous remote work with Caribbean Union College as a dedicated Systems administrator and web developer.
* Propose solutions leveraging software for development.
* Monitor eLearning platform backend remotely ensuring accurate and up-to-date student records and courses.
* Develop, refactor, and deploy school database applications.
* Maximize overall productivity as a dedicated systems administrator.
* Ensure quality assurance in technology education and technical support is of the highest standard
* Consequently, the school was prepared before the Covid-19 measures went into effect.

Caribbean Union College High School

**Web Developer | IT Administrator [Onsite]** (2016 – 2019) | [Site](https://cuc.edu.tt)

Bridged the gap between education and IT support. Oversee construction and maintenance of school’s web-based infrastructure and develop programs that benefit students, faculty, and staff. Active change agent directing the college toward web-based solutions and e-learning strategies.

* Designed and developed school’s website.
* Commenced SDLC for school database application.
* Spearheaded directive for new IT 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%.
* Redesigned an offline database accessible only to administrative staff
* Online platform increased teacher productivity by 60% by allowing quicker access to student and parent information.

South Caribbean Conference of SDA

**High School Instructor** (2010 – 2019)

* Ensured students understood basic programming knowledge and computer literacy.
* Developed processes and organized events for students while teaching CSEC Mathematics.
* Maintained a high student pass rate across all courses.
* Communicated across age ranges and levels of computer familiarity: from Office functionality for non-traditional students to HTML and CSS for high school pupils.
* Showed students how to build basic circuits from diagrams of their own designs
* Engaged in the use of technology in the classroom

**EDUCATION AND TRAINING**

Practicum Yandex 10-month Bootcamp, **Software Engineering Certification**

University of Hertfordshire, Hatfield, Hertfordshire, Great Britain

**Bachelor of Science in Computer Science**, First Class Honours

University of Trinidad and Tobago, Point Lisas, Trinidad, Trinidad and Tobago

**Advanced Diploma in Electronics Engineering Technology**