

Jeremy Whervin

Web Developer

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Summary

Enthusiastic recent graduate with a solid foundation in HTML, CSS, JavaScript, React and many other development technologies, seeking to contribute to development and user interface design. Passionate about building intuitive, responsive, and visually engaging digital experiences that align with user needs and business goals.

Technologies and Skills

- HTML & CSS
- SQL
- Javascript
- React
- Next.js
- Git
- AWS
- Node.js
- Python

Experience

Full-Stack Web Development Contracting

2025 - Present

- Developed and customized client websites by building interactive front-end components in React and integrating them with headless WordPress backends, enhancing site functionality and user engagement.
- Built full-stack features for web applications using Next.js and Node.js, connecting to BaaS platforms like Supabase to handle database operations and user authentication for various client projects.
- Translated client requirements into technical specifications and delivered tailored solutions, ranging from custom WordPress plugins to standalone React applications, ensuring projects met stakeholder needs.
- Managed the deployment and maintenance of web applications on AWS, utilizing services like S3 for static hosting and assisting with EC2 instance management to ensure project uptime and reliability.

Web Developer Intern, Jamaica Teaching Council

2024

- Developed the company intranet utilizing WordPress CMS, JavaScript, and PHP, resulting in increased individual productivity and improved inter-departmental communication and collaboration. The application includes features such as real time meeting and event updates, inventory management, a document repository, employee messaging etc.
- Led the design and development process for the company intranet, ensuring a user-friendly interface and efficient functionality for all employees.
- Conducted training sessions for employees on the new intranet application, demonstrating strong communication skills and a focus on user adoption.

Projects

Next.js Web Component Generator with AI Assistance

A Next.js application that empowers developers and non-developers to build web components using natural language, streamlining the development workflow and accelerating the design-to-code process.

- Developed a core feature that allows users to describe desired UI components in plain English. The application then leverages an AI model to interpret the request and generate the corresponding code in React, as well as standard HTML, CSS, and JavaScript.
- Implemented a conversational interface enabling users to progressively refine and modify components with follow-up prompts. This iterative process allows for rapid prototyping and fine-tuning of components to exact specifications. Integrated Chart.js library to visually represent user data, such as top genres and artist popularity, enhancing data comprehension and user engagement.
- Integrated a user account system with a database to allow users to save their generated components. This feature provides a personal component library for users to access, reuse, and modify their creations in the future.

Education

University of the West Indies

Bachelor of Arts - BA. Digital Media Production

September 2021 - July 2024

Ardenne High Schol

CSEC, CAPE

September 2014 - July 2021