Jacquez Williams

Portfolio: www.jacquezwilliams.com

/ Williamj1788   / Jacquez-Williams

Skills

Front-End: **HTML5**, **CSS3**, SCSS, **JavaScript (ES6+)**, Typescript, **React**, Redux, Angular, Bootstrap, Jest, Jasmine

Back-End: **Node.js**, **MongoDB**, MySQL, Mongoose, **Express**, Mocha, Chai

Methodologies: Source Control, Test Driven Development (TDD), Integration Testing, Unit Testing, Continuous Integration (CI), RESTful APIs, Relational Databases, NoSQL Databases

Tools: Git, Adobe XD, Visual Studio Code, Visual Studio, Amazon Web Services (AWS)

Projects

Williams' Pizza – React, SCSS, Node, Express, MongoDB, Google Maps Api

Web Application for a fictional pizzeria where users can order their favorite pizzas. Source Live Demo

- ❖ Created an admin system that allows admins to add, edit, or delete any product or discount at any time.
- ❖ Implemented a cart system that provides a better checkout experience by allowing users to review their orders.
- ❖ Integrated Google's Maps and Places APIs for more accurate address finding.
- ❖ Used responsive design techniques to provide a mobile friendly experience.

School Manager – React, Node, Express, MongoDB

Web application that enables students to log their current classes and upcoming assignments. Source Live Demo

- ❖ Developed a Restful API that connects to a MongoDB database which allows users to view their classes on any device.
- ❖ Created Unit Tests that improved code reusability and reduced bugs.
- ❖ Enhanced the user experience by using react-spring to provide fluid animations.
- ❖ Provided a guest system where users can log in as a guest and test out the application without an account

QuezGames – React, React Router, CSS

Progressive Web Application that allows users to play classic games such as Tic-Tac-Toe, Rock-Paper-Scissors, a text-based adventure game, and a word guessing game. Source Live Demo

- ❖ Reduced lines of code by 31% by refining the game logic and converting class components to hooks based components.
- ❖ Slashed loading times by 83% by implementing service workers that precache file on repeated visits.
- ❖ Increased reengagement by allowing users to download the app and add it directly on to their home page.
- ❖ Improved replayability of the text-based adventure game by adding modifiers that changed outcomes of certain endings.