Jacquez Williams





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Skills

Font-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), 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

Ecommerce website 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

QuezGame - React, Word Api

Gaming web app that includes games such as **Tick-Tack-Toe**, **Rock-Paper-Scissors**, a **word guessing game**, and a **text-based adventure game**. Source Live Demo

- ➤ Improved the word guessing game by connecting the Word Api which generates new random words every game.
- ➤ Integrated a dialogue tree into the text-based adventure game to allow for dynamic narration.