Bryan Velez

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SUMMARY

I am a software engineer who is dedicated and driven to expand my knowledge and skills. In my previous career, I thrived under pressure while meeting the needs of customers and employers alike. I aim to bring my creativity to front-end development and video game design by elevating the users' experience by providing seamless, responsive, and accessible navigation through user interfaces in both websites and software.

SKILLS

Languages- JavaScript, HTML, CSS, Python
Libraries and Frameworks- React, Node.js, Express.js, SQL
Database- MongoDB, Mongoose, JSON

SOFTWARE DEVELOPMENT PROJECTS   May 2023 - Present

Battleship **-** *Web browser game of battleship.*
- Created a structured HTML file to set up a layout of the page.
- Used DOM manipulation methods to select and interact with elements in the HTML
- Insert Javascript code to provide transitions, pulls and animations within the game
- Created elements and arrays within Javascript to facilitate dry code and store and process data.
- Managed the use of Event listeners to add drag and drop and rotation functionality to the player ships as well as interaction with the enemy game board.
- Employed Object-Oriented-Programing principles by defining a class to create objects with specific properties.
- Manipulated CSS classes to control the appearance and behavior of HTML elements.
- Applied use of conditional statements to maneuver the flow of execution based on certain conditions. (valid ship placement, winning and losing conditions.)

The Libation Station **-** *Team React application that organizes API information on backend, and displays on the front end.*
- Collaborated with 2 teammates effectively, avoiding conflicts by applying version control and working in our own branches, regular communication, and task delegation.
- Imported dependencies from different libraries, including React, axios, and react-router-dom.
- Fulfilled 3rd party API call by performing an asynchronous operation to fetch information for when the components mount.
- Engineered routes that render different components based on the current URL path.
- Utilized hooks to enable functional components to have state management, perform side effects, access location data, and retrieve URL parameters.
- Implemented ES6 tagged template literals with Styled-Components along CSS3 to provide style and flexbox layout.

DailyDish - *Team MERN-stack application that allows users to create an account to a weekly food subscription service.*
- Assigned specific tasks or features to individual team members helping to minimize overlap and reduce the chances of conflicting changes.
- Maintained open and consistent communication among team members by regularly discussing the progress of tasks, sharing updates, and informing others about code changes.
- Assisted in backend by researching and populating seed data for recipes & ingredients.
- Responsible for managing the meal service selection process in the application. Which navigates through steps allowing for user input and interactions, calculates the total price based on selected options, and manages the UI based on the current step.

Get it Done! - *Full-stack application that helps users efficiently manage tasks. - (in progress)*
- Established connection to MongoDB database using Mongoose library and exported the database connection for use in other modules.
- Imported the necessary dependencies to the corresponding modules. (Express, cors, bodyParser, Mongoose)
- Defined Routes and created a main router to contain the route definitions for the application.x
- Created Backend handling all create, read, update and delete (CRUD) operations, and tested all backend routes during development using Thunder Client.
- Used Mongoose to define schemas modeling the structure and validation rules for corresponding entities in MongoDB collections.
- Included functionality to display a modal when the "Subtasks" button is clicked.
- Combined DOM manipulation, event handling, asynchronous data retrieval, data display, and interaction with a back end server to implement (CRUD) operations in the frontend.

PROFESSIONAL EXPERIENCE

Boston Beer Garden - Server/ Bartender   October 2021-February 2023
- Executed full product knowledge of menu, specials and events
- Established and maintained good rapport with customers, increasing satisfaction and loyalty for the restaurant
- Assisted in training new hires of the company by helping them understand policies and procedures, as well as providing the necessary guidance and product knowledge of food and drinks.

Securitas Security Company - Security Officer   October 2019-September 2021
- Enforced security within a community while monitoring activities on the grounds and verifying/directing the flow of residents and guests.
- Guaranteed safety by patrolling the neighborhood, making sure properties are locked and that there is no damages, intruders, or imminent danger in the community
- Ensured an organized and structured data logging system by keeping track and registering visitor, resident, and vehicle information.

EDUCATION

General Assembly | *Software Engineering Immersive* |Remote   May 2023-August 2023
Florida Gulf Coast University | Bachelors in Business Management | August 2012-May 2014

References available upon request