Jason Warren

Software Engineer

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SKILLS

Languages - JavaScript, HTML, CSS, Python | **Libraries and Frameworks** - Node.js, Express.js, React, Django
Database - MongoDB, Mongoose, ODM | **Other** - RESTful Routing JSON, JQuery

SOFTWARE DEVELOPMENT PROJECTS   December 2021 - Present

Build A Business Game- https://github.com/JasonxWarren/Build_Businesses_Game
- Prompt: Design a website game that is fully functional including win and lose conditions, where a user is able to learn the tough decisions online businesses have when it comes to sales, setbacks, and stock keeping in an intuitive manner.
- Utilized Javascript, HTML, and CSS to develop a functional game within a week's sprint, meeting defined specifications and goals set out for the project.
- Used Jquery and DOM manipulation in order to create an interactive front end design, where features of the games design changed based upon the users progress and user selections.

Shopping-Express-Project (Intangicart)- https://github.com/sammark1/Shopping-Express-Project
- Prompt: Design a full stack web application that allows users to peer to peer buy and sell intangible products securely with thoughtful front end design utilizing EJS.
- Created a modular web app with full CRUD functionality utilizing the NEM (Node.js, Express, Mongoose) stack in order to provide the user with a seamless experience
- Managed the planning of the project utilizing, user stories, ERDs, wireframes in order to organize and delegate workflows
- Used Google OAuth to provide a seamless and secure user experience in logging in and authenticating the user, which allowed for a resilient and maintainable solution for verifying and utilizing user information appropriately.
- Built a fully functioning back-end server with reference to a remote database which is linked to MongoDB, where user interactions such as purchases are used to update the relevant data within the database.
- Provided Documentation, via the Readme and comments within the code, to provide insights into how to use the application as a user, and how the various aspects of the code work, for future developments.

Reaxion-Project - https://github.com/robyngoodner/Reaxion
- Prompt: Design a full stack web application that allows users to socially interact utilizing React
- Coordinated and managed a team of 5 developers from planning, to design, and development of the application.
- Utilized MongoDB to build a fully functional back end server, which allowed for users to carry out full CRUD functionality on their profile, and additional functionality on interacting with communities.
- Developed protected routes, so users were only able to create events for communities they created, and only allowed members of the community to take place in time restricted posts, called Reaxions.

Reaxion-Project - https://github.com/robyngoodner/Reaxion
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PROFESSIONAL EXPERIENCE

United States Patent Office, Patent Examiner | Alexandria, Va   **November 2016 - December 2021**

- Researched daily, software innovations utilizing front-end aspects like User interfaces, and back-end aspects like database structures.
- Communicated with internal and external stakeholders in order to describe my analysis and to explain complicated systems to non-technical staff.
- Met with external experts in software engineering concepts like machine learning, AI, blockchain and related technology to work collaboratively on achieving patentable subject matter through quick critical thinking, and keeping an open mind.
- Completed over 500 Technical writing assignments in an efficient manner, while meeting all measured KPI metrics

- Searched daily, in a self sufficient manner, complex software concepts in order to understand and provide unbiased judgment on the patentability
- Developed the ability to understand complex and detailed innovations, via research, in a timely manner in order to make tough decisions such as whether the applications are novel, patentable and met other legal hurdles.
- Consistently met Quarterly and Yearly targets relating to quality, production and customer service to be promoted to GS-13 level
- Scheduled and held meetings with Law firms weekly, discussing nuances in computer related technology patent applications.

EDUCATION

GENERAL ASSEMBLY | REMOTE

Software Engineering Immersive   **November 2021 - May 2022**

Full-stack software engineering immersive student in an intensive, twelve-week, 450+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies. Developed a portfolio of individual and group projects.

Virginia Commonwealth University | Richmond, Va

Bachelors of Science in Mechanical Engineering, minor in Mathematics   **May 2016**