Pierce Ruddock

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Skills

Languages:	JavaScript, Typescript, C++, Python, HTML, CSS, Solidity
Frameworks/Libraries:	ReactJS, React Native, NodeJS, Express, Redux, ThirdWeb, Socket.io, JWT
Tools:	MongoDB, PostgreSQL Postman, Git, Docker, Microsoft Azure, API Doc

Experience

Tribe Market NYC — Remote
Software Engineer — July 2022 - Nov 2022

- Designed a web application that allows users to claim NFTs of clothing, after they have purchased the physical clothing.
- Researched the third web library and analyzed its documentation, in order to implement third web features with React.
- Utilized web service Openzeppelin defender in order to achieve gasless fees for the customers.
- Gathered with peers weekly to discuss important updates, used to Notion, Figma, and Google docs to connect ideas and schedules/deadlines of the group.

HacWare — Remote
Software Engineer Intern — June 2020 - Dec 2020

- Enhanced functionality of company website/application and augmented UI to optimize user experience. Testing of the application was done on google cloud virtual server.
- Utilized Postman to test the status of API endpoints and documented them using API doc. Listing the parameters, datatypes, and example of correct and incorrect returns.
- Researched python libraries that connect with Multiple Microsoft API's, to create scripts. Created and published blogs on how to use the script and what it does.
- Communicated and collaborated with co-workers and directors on a weekly basis, in order solve the problem at hand.

Projects

Dev-Connector - *React , Node, Redux, Express, MongoDB*
https://github.com/pkrtaylor/Dev-Connector
The application was made with the idea to mimic a form of social media. The theme chosen for this was a place for developers to connect. A user can create posts, comments and look at list of other developers.

- React was utilized to create an intuitive user interface.
- A backend Rest API was created with node and express. The state is handled using redux, while reducers and actions handle resources.
- Postman used to test API endpoints. Json webtokens were used in authentication and authorization protecting routes/endpoints.
- There is a direct messaging feature, which uses socket.io.

Guess My Number - *React-Native*
https://github.com/pkrtaylor/GuessTheNumber
The player picks a number betweeen 1 through 99 and the app guesses your number through multiple random guesses.

- The application was created using React native.
- Logic created with JS to shorten the min and max boundary of the guess each try, until the guess is correct
- This app was configured using the expo-go setup

E-commerce Web App *MERN stack - JWT - Redux - Stripe*
https://github.com/pkrtaylor/EccomWebApp
This is a mock shopping application that allows users to purchase high end fashion brands. Features consists of login system, adding to cart, checkout with stripe, and much more.

- Frontend consist of client-side shopping UI using react and styled components. There is also an admin application done using react and css.
- On the backend, a rest API was created using express and node to handle the requests. This includes authentication, authorization, utilizing data from mongo db atlas and more.
- Redux was used to handle multiple parts of the state.

Education

CUNY - The City College of New York — New York, NY
B.S. in Computer Science — Sep 2016 - Aug 2021

Relevant Courses: Algorithms, Data Structures, Software Engineering, Databases