

PIERCE RUDDOCK

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SKILLS

| | |
|-----------------------|---|
| Languages: | JavaScript, Python, C++, Typescript, HTML, CSS, Solidity |
| Frameworks/Libraries: | ReactJS, Nextjs, Django, NodeJS, Express, Redux, ThirdWeb, Socket.io, JWT |
| Tools: | MongoDB, PostgreSQL Postman, Google Cloud Storage/SQL Git, Docker |

EXPERIENCE

Tribe Market NYC

Software Engineer

Remote

July 2022 - Present

- 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

Software Engineer Intern

Remote

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.

Mock Twitter App - On Going

NextJs, Redux, Django, Google Cloud Storage, Redis, Postgresql

This is project attempts to mimic the social media app known as Twitter.

- This app will implement multiple features that twitter has such as, user authentication and authorization, user and home timeline, search, and messaging.
- Google Cloud Storage was used for data object storage(pictures) and for its PostgreSQL database. Redis was used to store the home time line of each user.
- This app was deployed using vercel.

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

B.S. in Computer Science

New York, NY

Sep 2016 - Aug 2021

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