Sean R. Tisdale

(747) 444-7021

Software Engineer | Github.com

sean@complexlabs.co

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, HTML5/CSS

Frameworks/Libraries: React, Redux, Next.js, React Router Dom, Styled Components, Axios, Web3 React, Ethers, React Hook Form, Moralis, Hardhat, Typechain, Codegen

WORK

Complex Labs | TypeScript, Next.js, Redux, CSS, React Hook Form, Styled Components, Axios

07 / 2022 - Present

- Implementing user interface designs in the front end.
- Integrations of application programming interface calls to service the backend.

PROJECTS

Opensea Clone | TypeScript, React, CSS, Axios, Web3 React, Ethers, Opensea.js

- Integrated the Opensea software development kit in the front end to retrieve nft data from Openseas' backend.
- The functionality implemented in this project includes the ability to buy, sell, & bid on non fungible tokens.
- Utilized Ethers.js to convert nft price from Wei to USD.

Nft Platform | TypeScript, Next.js, CSS, Axios, Web3 React, Ethers, Moralis, Pinata SDK, Typechain, Codegen

- Smart Contract - created an ERC-721 with ability to mint multiple NFT's with identification storage inside smart contract.
- Front End & Middleware - Integrated smart contract functionality.
- Ability to mint NFT with specific metadata stored through IPFS & Moralis.
- Integrations between smart contract & Moralis to parse smart contract events.
- Retrieved all NFT metadata from Moralis to display on the Front End.