

SKILLS JavaScript, NodeJS, Express, React, Redux, PostgreSQL, Python, Flask, HTML5, CSS3, Pug, Docker, Git

PROJECTS

Waveform | *(React, Redux, Flask, PostgreSQL, SQLAlchemy, Amazon AWS)*

[live](#) | [github](#)

- Integrated Amazon AWS, to store image and music files, in order to reduce server load and increase scaling capability.
- Normalized Redux state shape to allow for near instant look up time, to speed up the site and allow for a faster user experience.
- Incorporated Redux with HTML5 media web components to create customized media playback in order to create a smoother user experience.

Indie | *(React, Redux, Express, PostgreSQL, Sequelize)*

[live](#) | [github](#)

- Maintained privacy through the use of BCrypt Hashing on the backend to prevent storage of plain text passwords in the database, and Auth Routes on the frontend to allow only authenticated users to visit certain pages.
- Utilized Redux to reduce memory usage by only storing the ten most recent games in order to reduce memory requirements and increase the speed of the site.
- Implemented React synthetic events and React Scroll Horizontal to save screen real estate and allow for intuitive use and site cleanliness.

TreeBnB | *(React, Redux, Express, PostgreSQL, Sequelize)*

[live](#) | [github](#)

- Leveraged Sequelize models and queries to efficiently make use of many-to-many relationships and DRY up the backend, in order to optimize query speed and decrease overall user wait time.
- Managed scheduling and booking CRUD through custom transactional database operations using PostgreSQL, to ensure quick and correct data changes.
- Harnessed the unidirectional state management of Redux to directly manage data for form inputs and form submissions, to simplify React components.

EXPERIENCE

Team Member

Harkins Theaters

2018 - 2020

- Worked in a fast paced team environment to get a full theater of 300+ seats cleaned in less than 10 minutes.
- Provided calm and helpful assistance to customers having problems and confusion of any kind.
- Maintained calm under high stress, during rushes when needing to serve 100s of customers minutes before a showtime begins

Information Technology Support Specialist

POSitive Technology

2016 - 2017

- Set up, tested and inspected android POS systems to have the correct software and hardware installed before shipment.

EDUCATION

AppAcademy - Immersive web development and software engineering program | 2021