

SKILLS:

React, Redux, WebSockets, JavaScript, Flask, Express, Sequelize, SQL, SQLAlchemy, HTML, CSS, Testing, Git, Nodejs

PROJECTS:

NitrogenBnB Project *Javascript, ReactJS, Redux, CSS, Express, PostgreSQL*

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

Developed a clone of the home hosting service Airbnb using an Express backend and React frontend.

- Applied advanced React and ES6 practices, such as React Hooks and arrow functions, to optimize and enhance the user interface, resulting in faster loading times and smoother interactions.
- Designed and implemented reusable React Components for custom forms, improving the user experience and interaction, while also ensuring scalability and DRY-ness.
- Used Express to handle server-side operations and manage the back end of the application
- Implemented session authentication to check permissions when enabling edit and delete features.

This.cord Project *Python, Flask, ReactJS, Redux, CSS, PostgreSQL*

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

Built a social messaging application clone of Discord.

- Implemented Websocket technology to allow users to communicate with one another in real time.
- Built a robust backend using Flask and SQLAlchemy to ensure persistent user interactions across chat rooms, Flask provided a lightweight and flexible framework for building the API while SQLAlchemy allowed us to manage the database more easily and with fewer errors
- Collaborated with 3 developers in an agile workflow and utilized Git version to manage changes and minimize merge conflicts in the shared repository.
- Utilized wireframes allowing us to visualize the user interface before any code was written and created reusable React Components that allowed us to create reusable building blocks that could be combined to create complex user interfaces.

Phish Project *Python, Flask, ReactJS, Redux, CSS, PostgreSQL*

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

Developed a clone of the popular shopping site Wish, using Flask and ReactJS with Redux and CSS, and .

- Rendered all products available for sale in a responsive grid built with CSS properties that will adjust with the width of the page that the user can scroll through.
- Designed and developed a shopping cart feature with the ability to add, remove, and checkout items, using Redux to manage state across the application.

EXPERIENCE:

Level 6 Press Operator

Pan Pacific Products

July 2020 - March 2021

- Operated multiple product machinery lines with an output of 30 fiberboards each per hour, resulting in successful production rate of 100% and zero malfunctions or breakdowns.
- Monitored production data including quality and downtime using charts, graphs, etc. to ensure accurate measurements within margin of error and necessary standards are maintained or improved.
- Conducted routine equipment inspections and reported deficiencies to Supervisor, effectively preventing potential malfunctions and safety hazards due to machine related stress.

Facilities Maintenance Worker

Purdue University

May 2018 - Aug 2018

- Collaborated with Operations and Maintenance teams to ensure efficient and safe functioning of all facilities for approximately 1,000 residents, staff, and visitors under a time-sensitive schedule of 12 weeks in preparation for Fall semester.
- Performed painting and maintenance on the two large buildings that are approx. 40,000 sqft. to ensure readiness for move-in for over 800 students

EDUCATION:

AppAcademy | *Full Stack Web Development*

Aug 2022 - Jan 2023

Relevant Coursework includes: Object Oriented Programming (OOP), Data Structures and Algorithms, System Design Principles, Test-Driven Development (TDD), Object-Relational Mappers, Application Accessibility

