

SKILLS

JavaScript, Python, React, Redux, Express, Sequelize, Flask, SQLAlchemy, PostgreSQL, RESTful routes

PROJECTS

Muse | *(JavaScript, HTML, Express, Sequelize)*

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

Quora inspired clone for music enthusiasts where users can ask and answer music related questions.

- Engineered database utilizing Sequelize in conjunction with PostgreSQL to optimize scalability and search queries to make question searching faster.
- Optimized Pug templating and rendering to DRY up code and ensure the user a smooth and intuitive experience.
- Utilized Express and Sequelize to design a search query to efficiently look for questions based on keywords or tags.
- Designed and created UI through the use of React and CSS for a consistent look and feel throughout the app.

Finstagram | *(JavaScript, React, Redux, Python, Flask, SQLAlchemy, AWS)*

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

Instagram clone where users can interact with one another through posts, comments, and follows.

- Through the use of Flask and SQLAlchemy, implemented a database query based on who the user is following to ensure posts on the explore page originate from users that the current user does not follow.
- Utilized Redux to display and dynamically update likes and comments on posts.
- Leveraged CSS nth-child to create an intuitive explore page reminiscent of Instagram.
- Built database utilizing SQLAlchemy and PostgreSQL to enhance scalability and reduce query times.

Duck Hunt | *(JavaScript, React, Redux, Python, Flask, SQLAlchemy, AWS)*

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

Product Hunt clone for duck enthusiasts in which users can post their favorite ducks and interact in discussions regarding different species and types.

- Utilized Flask with AWS integration to ensure user files will be hosted reliably allowing for scalability and reducing server load.
- Made use of React and Redux to dynamically render UI elements allowing for a smooth user experience.
- Used SQLAlchemy to efficiently query for data based on user interaction, in order to provide the frontend render with the appropriate data.
- Implemented conditional rendering of elements in React based on user information and interaction allowing for an intuitive and secure experience.

EXPERIENCE

Superset Community Contributor, *Preset*

Dec 2021 - Present

- Collaborate with the Preset development team to improve and enhance Superset, Preset's data visualization and exploration software.
- Attend stand up meetings to discuss the previous week's progress and goals for the coming week.
- Utilize pull request review (GitHub) to both improve and eventually merge contributions.

Software Engineer Assistant, *App Academy*

Dec 2021 - Present

- Administer remote mock technical interviews on topics including systems design, DS&A, and technical trivia.
- Collaborate with other developers in code reviews providing debugging support and improving code quality.
- Answer technical questions and provide insight in project decisions through remote office hours.

Cashier, *JCPenney's*

Nov 2018 - April 2021

EDUCATION

AppAcademy - Immersive software development course with focus on full stack web development 2021

Texas Tech University, Pursued Bachelors of Science in Computer Science - 2020 - 2021