Justin Sweeney

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SKILLS

JavaScript, Python, Node.js, React, Express, Flask, PostgresSQL, Sequelize, SQLAlchemy, HTML5, Web Development, Alembic, REST APIs, Pair Programming, Test Driven Development, Object Oriented Programing, Git

PROJECTS

Cofi | *(React/Redux, Python, Flask, PostresSQL SQLAlchemy, AWS S3)*   **live** | **github**
- Optimized the use of a normalized Redux store state to reduce the number of fetch calls and shorten loading times by performing O(1) state changes.
- Created and leveraged a customizable seeding function to randomly append many-to-many associations to quickly build unique demo playlists and add likes to content.
- Utilized authorization checks using React hooks, redirecting users to secure paths based on credentials.
- Prioritized UX-focused fontend development with dynamic UI animations to indicate database changes made by the user.

Petstagram | *(React/Redux, Python, Flask, PostgresSQL, AWS S3, HTML, CSS)*   **live** | **github**
- Enabled user-friendly image uploading via Amazon Web Services S3 Buckets for media services and organization while maintaining content security with frontend validations along with AWS IAM.
- Implemented integrated features with a team of 5 developers while maintaining team organization and appropriate task delegation by practicing constant and clear communication through Github.
- Optimized the use of Redux to maintain global app context to implement features such as dark mode and dynamic maintenance of state.
- Implemented complex object-relational mapping including self-join tables to implement user notifications.

Loopr | *(React/Redux, Javascript, Node.js, Express.js, PostgresSQL, Sequelize)*   **live** | **github**
- Utilized Bcrypt to hash user passwords before storing them in the database to ensure user privacy and created user authorization routes to restrict access.
- Incorporated AJAX to fetch API from the backend routes to interact with the database with a custom fetch function to append a csrf-token to all headers.
- Leveraged Redux to maintain application state and site-wide context to achieve features such as Dark Mode.

To-Moo List | *(React/Redux, Javascript, Node.js, Express.js, PostgresSQL, Sequelize)*   **live** | **github**
- Produced fast and dynamic DOM manipulation while under the constraints of using pure Javascript and Css.
- Maintained constant team communication via use of Github's Scrum Board to prioritize and delegate tasks.
- Implemented real-time timestamps and achieved time/date scheduling via javascript's datetime object.

EXPERIENCE

Doctor of Physical Therapy

HIDEF Physical Therapy   2020 - 2021
- Worked as a front-line healthcare professional throughout the Covid-19 pandemic and aided in pivoting our patient model to accommodate for telehealth for individuals who could not leave their homes.
- Conducted professional communication with multi-care personnel.

MTI Physical Therapy   2019-2020
- Produced instructional therapeutic home exercise exercise video and instructions to be used company-wide for patient home-exercise prescriptions.
- Maintained a full patient case-load while undergoing a rigorous orthopedic specialization residency.

Stunt Performer *Freelance*   2016 - 2021

- Commercial stunt actor and events performer specializing in parkour, acrobatics, and action choreography for various companies such as HTC, Fandango, Washington Lottery, Seattle Sonar, and Jaanuu

EDUCATION

University of Puget Sound - *Doctor of Physical Therapy 2016-2019*
University of Washington- *BA Psychology 2011-2013*
AppAcademy - 1000-hour immersive full-stack web development program 2022