Catherine Lee

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Skills

React, Redux, JavaScript, Node.js, Express.js, HTML5, CSS3, PostgreSQL, Python, Flask, Git, Docker, Heroku

Projects

Ka-feen, *A platform to give support to independent creators inspired by Ko-fi*   Demo | Repo
Built with React.js, Python, Flask, SQLAlchemy, Docker, Heroku
- ❖ Established customizable user pages allowing users to change displayed user information such as pictures, tags, username, and create posts including image and text with Fetch API calls to RESTful API endpoints
- ❖ Tracked individual sessions using JWTs in local storage that get checked against the PostgreSQL database
- ❖ Structured database models and management through the Flask backend using the ORM SQLAlchemy along with Werkzeug's security utilities for password hashing
- ❖ Integrated AWS S3 hosting for user profile images and post images using boto3

Shinyday, *Discover your next favorite independent music artist, inspired by Bandcamp*   Demo | Repo
Built with ReactJS, Node, Express.js, Sequelize, AWS S3, Heroku
- ❖ Designed a global search bar to quickly navigate through the website by album name or artist name
- ❖ Customized functional React components extensively using HTML and CSS as well as React Context to manage state throughout the application and React Hooks for individual components
- ❖ Implemented file upload to AWS S3 using Multer and Multer S3 for user photos and also song and image files for artist accounts

WOGOS, *Browse and purchase games exclusively on Windows and Steam, inspired by GOG*   Demo | Repo
Built with React, Redux, Python, Flask, SQLAlchemy, React Bootstrap, Docker, Heroku
- ❖ Created custom React components using HTML/CSS and adjusted React Bootstrap's premade components used across the entire purchasing flow for a uniform user interface and user experience
- ❖ Added CSS animation and conditional styling to guide users to checkout
- ❖ Wrote checks against the Redux store and information stored in local storage to provide a seamless cart experience after login that prevents users from buying duplicate items

Experience

Outsourcing Specialist, *Natura-Like Dental Laboratory, May 2019 - February 2020*
- ❖ Facilitated daily internal and external reports and correspondence with the company's primary outsourcing partner to ensure running biweekly case deadlines
- ❖ Improved workflow for entering daily casework freeing up to 25% more of the workday spent corresponding with clients and maintaining lines of communication through to technical and managerial staff

Data Entry Operator, *Firstsource, September 2015 - July 2016*
- ❖ Entered and checked patient data according to HIPPA guidelines, consistent top performant in speed and accuracy

Education

App Academy, Full Stack Web Development, *April 2020 - October 2020*
- ❖ 1000+ hour immersive full-stack web development and software engineering bootcamp covering concepts including data structures, algorithms, and test-driven development