PETER KANG

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SKILLS

JavaScript, Python, Node.js, React, Redux, HTML5, CSS3, postgreSQL, Express.js, SQL, Sequelize, Flask, sqlAlchemy, PUG, Amazon Web Services Amplify, AWS S3, Heroku, Docker, OOP, Git, TDD, adobe lllustrator

PROJECTS

Right Here | *(React/Redux, Express, PostgreSQL, Sequelize, Socket.IO, AWS, Google Maps API)*   **live** | **github**
Location driven photo sharing app.

- Implemented AWS S3 and Material-UI drag and drop to make image uploading easier for the user and to assist in the scalability of image services.
- Integrated React Webcam to allow users to take photos using their devices.
- Administered Socket.IO to enable instant communication between users.

Cadence | *(React/Redux, Flask, PostgreSQL, SQLAlchemy, Google Maps API, d3, Boto3, Material-UI, AWS)***live** | **github**
Interactive app that allows users to create cycling or running routes inspired by Strava.

- Designed a React component that enables the calculation of elevation, distance and duration of the user's routes using Google Maps API.
- Integrated Google Map API and custom search functionality to dynamically present nearby routes with the provided location.
- Designed dynamic data-visualizations with Javascript and created algorithms based on user input.

Athlete 101 | *(React/Redux, Express, PostgreSQL, Sequelize, AWS, Material-UI)*   **live** | **github**
Online platform for creating workout plans.

- Incorporated the unidirectional state management of Redux to simplify React components, allowing for efficient management of data from form inputs and submissions.
- Integrated AWS S3 for storing photos associated with users to allow scalability of image services.
- Modified a PostgreSQL backend with Express and Sequelize and eliminated N + 1 queries to enhance performance.

Hangry | *(PugJS, Express, Sequelize, PostgreSQL)*   **live** | **github**
One-stop hub for restaurants and consumers inspired by Yelp.

- Established user authentication using BCrypt hashing to only allow access to user's personal data with the correct hashed password.
- Incorporated JSON Web Tokens to allow only authorized users to perform CRUD functionality around businesses.
- Coordinated AJAX to reduce server traffic and to provide an interactive and seamless user experience.

EXPERIENCE

General Manager - *All American Martial Arts Supply*   July 2011 - Mar 2020

- Collaborated with team members to manage daily tasks and responsibilities, while thriving in a fast-paced work environment.
- Represented the company during new product marketing launches and successfully reached agreements with major social media influencers, establishing the company as the exclusive distributor of Adidas Combat Gear.
- Introduced innovative solutions and strategies to improve client relations.

Founder - *Lift Cleveland E-Commerce*   Nov 2018 - Feb 2020

- Managed strategic website design to improve brand value, engage new customers, and increase conversion rate.
- Organized affiliate, referral and social media programs to gain organic traffic.

EDUCATION

App Academy - Online   Completed 2020

- Topics include: TDD, scalability, algorithms, OOP, coding style, REST, security, single-page apps, engineer front and backend APIs, utilize documentation, and web development best practices.
- Immersive software development course with focus on full stack web development.