Jonathan Chan

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Skills

Frontend: React, Redux, Chakra UI, Pug + Jinja Templates, HTML, CSS, JavaScript, Ruby

Backend: Express, NodeJS, Python, Flask, Flask-SqlAlchemy, PostgreSQL, SQL, MySQL, AWS, REST

Other: Docker, Cloudinary, Git, Github, Heroku, GoogleMaps API, InStyle ERP system

PROJECTS

MTM (MuayThaiMayhem) | *(React / Redux, Python, Flask, SqlAlchemy, googleMaps API, AWS S3, Chakra UI, HTML5)*   **live** | **github**

An app loosely based off of classpass, offering users the ability to join classes from other gym's without being a member.

- Integrated **Google Maps API** to provide location-based markers to display the gym's location based on longitude and latitude of **Google's geocode** feature.
- Utilized **React Redux** to be the frontend framework of this app, improving the user's experience by allowing the **Redux** store to contain the important details of the gym or class for scalability and reduced user's search times.
- Deployed and utilized **AWS S3** to allow business owners to upload images of their gym(s), ensuring scalability and reliability while holding their images secure.

thrifTEE | *(React / Redux, Python, Flask SqlAlchemy, Chakra UI, HTML5)*   **live** | **github**

An e-commerce consignment app based off of ThredUp, offering beautiful apparel and accessories at thrift store prices.

- Utilized **localStorage** to showcase how a cart can persist when the user closes the browser or leaves the app. The cart would be populated with items until the user checked out of the site.
- **Chakra UI** was utilized to demonstrate how the modular component library gives **React** applications a great foundation for modern styling and great visual aesthetics.
- Implemented **Flask-SQLAlchemy**, which allowed the **API** endpoints to provide data and information about the products, categories, order and much more to the front-end user.

Electric-nights | *(React / Redux, Express, Sequelize, PostgreSQL HTML5, CSS3)*   **live** | **github**

An app loosely based off of eventBrite, targeting electronic dance music events in the NYC metropolitan area.

- Leveraged **React's** ability to create a dynamic single page application with added benefits of reduced load times and greater responsiveness.
- Employed **JSONWebTokens** to ensure the user's proper authentication, and **bcrypt** to hash a user's password for added security before being added to the back-end database.
- Incorporated **RESTful API** standards to create backend routes for efficient querying within **Express.js** framework.

EXPERIENCE

Cstyle Corporation - Accounting / Bookkeeper   July 2017 - March 2020

- Prepared and presented financial reports for budget reviews, to determine constraints and allowances.
- Properly maintained **15+ B2B** accounts payable and receivables to ensure the business' cash flow **(avg $50k+)** was in good standing.
- Coordinated with the HR department to prepare and perform detailed payroll functions for employee accounts.

Cstyle Corporation - Project Coordinator   Oct 2014 - Dec 2017

- Collaborated with customers (Nordstrom, Chico's, Orchard brands,etc..) to define **Agile methodologies** and future timelines.
- Worked **cross functionally**, both internally and externally to establish daily communication with factories, mills and vendors to ensure timely deliveries.
- Developed and implemented issue resolutions to reduce risk and costs **(avg 10%)** throughout the production lifecycle.
- Managed and maintained production resources to ensure the project's productivity, efficiency and profitability **(5% annually)**.
- Distributed duties, responsibilities and tasks to interdepartmental teams.

EDUCATION

AppAcademy - 1000-hour immersive full-stack software engineering intensive program with <3% acceptance rate, 2021

Long Island University - CW Post - *(BBA) Business Administration, 2010*