Yuk Fai Chan

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SKILLS

JavaScript, React, Redux, HTML, CSS, Ruby, Ruby on Rails, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku, Google Maps API, Amazon Web Service (AWS), Firebase, SCSS, Chatengine

PROJECTS

Good Food To Eat (React.js, Redux.js, Ruby on rails, JavaScript, PostgreSQL*)*   Live Site | Github
A Yelp-inspired single-page web application where users can search restaurants and leave reviews and ratings.
- Employed CSS3 flexbox, Z-index, and React-Modal to create a compelling and intuitive User Interface.
- Leveraged ActiveRecord SQL queries to preload data as well as search data, reducing response time and optimizing for scale.
- Connected Rails backend to AWS S3 for media storage and organization as well as AWS IAM to maintain content security.
- Boosted searching time without influencing additional queries to the database by developing a search function
- Connected with Google Map, showing the information about restaurants, increasing users' experience.

FitBook — Frontend Developer (MongoDB, Express, React.js, Redux.js)   Live Site | Github
A single-page web application where users can create custom workouts & exercises schedules to achieve their goals.
- Stored uploaded images on Amazon Web Services S3 (AWS), reducing loading time while optimizing non-media database.
- Employed CSS3 a smooth User Experience, leveraging opacity adjustments and borders to yield a flexible layout.
- Designed a search feature that pulls results from the list of exercises, allowing users to filter results by searching the name or category without additional queries to the database.
- Incorporated custom client-side form validations to avoid unnecessary AJAX requests which improves performance.
- Pushed all my part of work to github so other groupmate can pull from github, reducing the chance of having duplicate work and increasing efficiency.

Cliffed (JavaScript, CSS)   Live Site | Github
A single-page web game where players can move left or right in the map for survival.
- Developed a keypress function which allows players to move freely around the map, increasing the game's performance.
- Connected the leaderboard backend to Firebase, comparing with other players to increase users' experience.
- Deployed an alert message for showing survival time to improve users' experience.
- Established an audio on/off function which can turn on/off the background music, influencing the players' game experience.

Chat (JavaScript, CSS, Chatengine.io, Firebase)   Live Site | Github
A single-page web where users can chat with friends or create a group chat.
- Stored users' information and chat history using chatengine.io, efficient data retrieval and an improved User Experience.
- Created a getFile function so users can send photos on chat.
- Implemented Firebase for user auth, allowing users to access their Facebook or Gmail instead of creating new accounts.

EXPERIENCE

Accounting Clerk
Apex Maritime Co., Mar 2017 - Jan 2019
- Maintained 3-4 printers and computers to prevent paper jam in our accounting office which increased 15% efficiency.
- Handled and organized around 50-100 invoices per day by using the Redant system.
- Reconciled 10-20 customers' bank statements every month to prevent fraud by using excel v-lookup.
- Assisted and updated 10 - 20 customers' daily books by using MS Word and sent a monthly report to customers.

Ground Service Agent
Cathay Pacific, Dec 2016 - April 2018
- Updated flight information and reports, reduced 30-50% manager's time to send flight reports to headquarters.
- Organized and ensured 200-400 bags into their right container for a smooth flight and reduced 20-40% time complexity of unloading baggage for arrival.
- Trained new hires about handling customers' baggage and making use of the check-in system.

EDUCATION

App Academy - Immersive software development course with focus on full stack web development (April 2020 - July 2020)
San Francisco State University - *BS* - Accounting (2011 - 2015)