MOIZ AHMAD

P. 925-550-9349   moiznahmad@gmail.com   LinkedIn   Github   San Francisco / Bay Area

SKILLS

React.js, Flask, SQLAlchemy, Redux, JavaScript, Express, Sequelize, Node.js, SQL, PostgreSQL, Git, HTML5, CSS3, Docker

PROJECTS

Recipeer   **Live Site | Github**

A recipe hosting and sharing site designed to fill the void in peer-to-peer recipe sharing. (React, Redux, Node.js, Python, Flask, SQLAlchemy, PostgreSQL, HTML / CSS, Docker)

- Created a form with dynamic inputs using React to systematically dispatch collected data to numerous unique tables in the API server on submission while maintaining an elegant and intuitive design for the end user.
- Designed a complex relational database with 14 tables, facilitating advanced search and filtering based on attributes, ingredients, ratings, etc., providing the end user with tailored recommendations based on their preferences and a customizable and robust search interface.
- Manipulated React state variables to allow users to upload multiple files in an object, effectively removing the single file upload limit, allowing for unlimited uploads. This reduced the time complexity of modifying/removing files from the form to O(1) from O(n).

Programmatic   **Live Site | Github**

Worked in a team to create a coding curriculum based website where users can view courses and lessons supplemented with algorithm visualizations (React, Redux, Node.js, Python, Flask, SQLAlchemy, PostgreSQL, HTML / CSS)

- Instantiated a graph using JavaScript to implement Dijktra's algorithm to find the shortest path between two nodes. Constructed a grid using React and CSS to visually render the path of the algorithm.
- Created an intuitive upvote/downvote system using JavaScript DOM manipulation, Redux state, and CSS to provide users visual feedback of their votes and allowed for editing or removing a vote by dispatching fetch requests to the API server.
- Designed an interactive and easily navigable profile page where users can view their learning objectives, toggle their completion status, and remove them entirely by implementing Redux state integration and fetching to the API database.

Tune Lagoon   **Live Site | Github**

A music streaming website inspired by SoundCloud where users can upload songs. (React, Redux, Express, Node.js, Sequelize, PostgreSQL, HTML / CSS)

- Implemented the React H5 Audio Player npm package and structured the React component rendering to prevent the player from being subject to re-render. This gives the user uninterrupted playback as they navigate the website.
- Utilized React Context to access and control the currently playing song, allowing for song playback from any component. Further, comments on the currently playing song have clickable timestamps based on when the user commented.
- Developed a dynamic drop-down search bar where the user can search for songs, users, and playlists by typing in search query. The results are displayed in real-time with the matching text highlighted for user convenience.

App Overload   **Live Site | Github**

Worked in a team to create a Stack Overflow clone where users can ask questions, post answers, and comment on both questions and answers. (JavaScript, Node, Pug, Express, Sequelize, PostgreSQL, HTML / CSS)

- Rendered a dynamic user edit form to allow users to update their personal information without the need to render a new page, allowing for a seamless user experience by utilizing JavaScript to manipulate the DOM.
- Instituted authentication and authorization validation to prevent unregistered users from interacting with questions/answers and to prevent users from modifying other user's questions, answers, and comments.
- Implemented user authentication with persistent data between sessions so that a user will remain logged in and retain access to their authorized information.

EXPERIENCE

Sales Manager

City Sports Club, Feb 2019 - Mar 2020

- Trained my sales team to meet corporate standards for phone calls, marketing hours, and sales per day. Exceeded company expectations and consistently hit sales goals every month.
- Created a spreadsheet to track and analyze daily, weekly, and monthly sales performance to find data trends. Used this data to re-evaluate and alter sales and marketing strategies, improving closing rate by over 20%.

EDUCATION

App Academy - Intensive full-stack software development course (1000+ hours) with extremely competitive admissions (3% acceptance) (Fall 2021)

San Jose State University - *Software Engineering* (Fall 2014 - Spring 2019)