IMRAN SHAUKAT
FULL STACK SOFTWARE ENGINEER
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SKILLS
LANGUAGES: JavaScript, Python, HTML, CSS, SQL, PostgreSQL
FRAMEWORKS & Libraries: React, Redux, Flask, Express, React-Icon Library
OTHER TOOLS & TECHNOLOGIES: Google Maps API, Weather API, Postman, GitHub

PROJECTS
AIRB&B Clone (ReactJS | Express | PostgreSQL (production) | Sequelize | Render | Postman)   Live | github
This is an airbnb clone website created using **ReactJS** for frontend and **Express** for backend.
- Delivered user privacy and autonomy by implementing **BCrypt Hashing Function** on the backend to prevent the storage of plain text passwords and **Auth Routes** on the frontend to restrict user access to certain site features.
- Enhanced user experience by adding **Tooltips** to the frontend. Tooltips allowed users to see a brief message while hovering a certain part of the page and thus the users would not be confused about its functionality.
- Achieved **input-Data integrity** by utilizing **Sequelize data validations** on the backend models which inhibited users from entering invalid data. Also incorporated **custom validations** on the React frontend to ensure data quality.

Capstone Project (React | Flask | PostgreSQL | SQLAlchemy | Render | Github | Postman)   Live | github
A website that has few different places for the user to go out and have fun. User can purchase tickets, look at reviews, pictures. And leave reviews for places that they have visited. To Aid users with their trip **Google maps** and **Weather info** was provided. **React** was used for frontend and **Flask** for backend.
- Created **meaningful relationships** between different tables in PostgresQL database, using **SQLAlchemy**.
- To ensure that correct data entered the database, the **restriction were added to the Models** in the backend. Furthermore, **wtform-Validations** were applied to the backend and **custom JavaScript validation** to the React frontend.
- Engineered an **algorithm** that suggests places based on cart Items. This algorithm made the cart page look lively. And it allowed users to see other similar places that they might want to visit.
- To improve user experience **Google Maps** were provided for each place, so users could easily check their trip times and traffic conditions while planning their trip from the place detail page.
- To inform users of the **weather conditions**, weather data for every place provided utilizing **openweathermap.org weather api.**

Taskrabbit Clone (Group Project) (React | Flask | PostgreSQL | SQLAlchemy | Render | Github | Postman)   live | github
This is a Taskrabbit Clone website created using **ReactJS** for frontend and **Flask** for backend.
As a group project **I coordinated the planning and programming, especially for the review feature.** The Review part consists of users leaving a review, deleting, updating, and managing reviews, for the service they received.
- Applying **high contrast color** scheme and changing mouse to pointer, in the **css styling**, allowed users to easily interact with the website.
- To enhance the **user experience, Modals** were used. Modals allowed users to interact with the content of the page without leaving the page.
- Coordinated with resolving the merge conflicts on github, as we pair programmed we often had merging conflicts when we pushed to github. And to resolve these merge conflicts we had to understand how the code worked.

EXPERIENCE
Emergency Medical Technician (EMT, First Responder)

Midwood/ InstaCare/ Medex/ AllMed
- Each ambulance is assigned a pair of EMTs. It is crucial that we work as a team and cooperate with one another to help someone in need. We would take 8-9 patients each shift. Each shift is about 10 - 12 hours, and it requires EMTs to be able to handle high stress calls, to save someone's life.
- Strong communication skills are essential to be an EMT. In an emergency I need to Advise dispatcher and hospital of the patient's emergency, shortly after assessing the patient. This communication allows the hospital to be ready to receive the patient for the specific type of critical emergency.
- It is essential we keep ourselves up to date with the changing protocols. The Department of Health reviews EMT protocols every year, and updates them accordingly. It is necessary for EMTs to review protocols. and if some protocols have been added we have to take a course to learn and practice that new protocol.

Fast Food / Customer care / Closing shift
Dunkin / McDonalds
- Responsible for taking customers' orders and handling the register cash.
- Closing shift required submitting the sales for the whole day. And submitting paperwork with receipts.

Education
Kingsborough Community College City Universities of New York - Associate of Arts in Biology - Transferred
Hunter College City Universities of New York - Bachelor of Arts in BioChemistry - 2 Classes left
App Academy online software development course completion.