ISMAIL N MANJLAI

(734) 330-8938   inmanjlai.dev@gmail.com   **PORTFOLIO**   **GITHUB**   **LINKEDIN**

SKILLS

React, Redux, JavaScript, HTML, CSS, SQL, PostgreSQL, Python, Flask, Express, Node.js, SQLAlchemy, Sequelize, Heroku

EXPERIENCE

Software Test Engineer

National Heritage Academies   Jan 2022 - Present

- Handled validations of user stories in two different development environments to ensure smooth functionality before deploying changes to production.
- Collaborated with the team to groom and estimate user stories in Azure DevOps in order to reach each iteration's target velocity.
- Executed database queries in multiple lower level environments such as CI and QA to validate test cases and ensure valid data representation.
- Created automated tests using Cypress to offload repetitive work, resulting in stories moving through the pipeline faster.

PROJECTS

Reddit Clone | Turtell (Flask, ReactJS)   live | github

A Reddit clone with a minimal / sharp UI design built with ReactJS, Redux, Flask, Heroku and PostgreSQL

- Incorporated CSS Grid and Flexbox in combination with React's useSelector hook to dynamically map slices of the Redux store to create a smooth user experience and bring the site to life.
- Integrated dark and light mode options using CSS classes and variables for ease of use and accessibility for users with high contrast preferences.
- Utilized Redux's powerful state management to create a dynamic search bar that autocompletes a user's query with matching elements in the database and allows them to find resources with ease.

Instagram Clone | Kilogram (Flask, ReactJS)   live | github

A pixel-perfect Instagram clone that utilizes ReactJS, Redux, Flask, AWS, Heroku and PostgreSQL

- Designed a pixel perfect layout using CSS Grid and Flexbox, pulling design data from Instagram Itself to simulate the same intuitive layout and ease of access that Instagram offers.
- Incorporated AWS image hosting giving users the ability to upload images from any device's local image library.
- Implemented a notifications feature using a short poll implemented using Redux that allows users to see other user's interactions dynamically.

Quora Clone | Muse (Express, PugJs)   github

A Quora clone with a vaporwave aesthetic that employs PugJs, Express, Node.js, Sequelize, Heroku and PostgreSQL

- Created a many-to-many relationship between tags and questions to allow users to quickly filter questions by associated tags, leading to a smoother user experience.
- Headed the design process utilizing CSS to create a visually pleasing website within a specific theme that boasts an intuitive layout and UX.
- Designed a dynamic web application using the PugJs templating engine which allows for a smooth user experience.
- Integrated foreign keys to normalize data across related tables of data in a PostgreSQL database.

EDUCATION

Web Development - *App Academy | Summer 2021*

Bachelor of Fine Arts - Illustration - *Eastern Michigan University | 2016 - present*