

# ISMAIL N MANJLAI

(734) 330-8938

[inmanjlai.dev@gmail.com](mailto: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 in an Agile organized workspace 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 using SQL 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.

### Flask Starter Application (Flask, Jinja2)

[GitHub](#)

A GitHub repository that allows a user to quickly spin up CRUD applications with minimum boilerplate

- Created a server-side-rendering starter application that uses jinja2 to return dynamic and blazing fast pages.
- Designed SQLAlchemy models as templates for new users to refer to when creating their own CRUD features.
- Documented key features of Flask to help users get a better feel without having to dive deep into documentation, such as database linking, and ORM support.

## EDUCATION

Software Development - App Academy | Summer 2021

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