Zachary Murphy

Software Engineer, Columbus, OH — murphy.zachary@outlook.com

Portfolio | GitHub | LinkedIn

Skills

Python, Javascript, Node.js, HTML5, CSS3, PostgreSQL, Bulma, Bootstrap, Express, Mustache, React.js, Firebase, Emacs, Google Cloud, LaTeX

Education

DigitalCrafts — Certificate in Software Engineering   February 2021–May 2021

Projects

Atlanta Tourist App   Website — GitHub

A web application developed with a 4-person team, listing a number of tourist attractions in the Atlanta Metropolitan area with short summaries and integrated Google maps. The project utilizes the Firebase and Google Cloud platforms, as well as the Google maps API to provide users directions from their location to the attraction.

Munchie Gourmet   Website — GitHub

A web application developed with a four-person team, allowing users to choose from a selection of ingredients, which then displays a list of recipes utilizing these ingredients.The user also has the option top select from a short list of recipe types to display relevent content. The website utilizes an in-house database built with PostgreSQL, and the Edamam API. The front end is built using a Bootstrap based template and Mustache, while the backend is built using a suite of NodeJs modules. The database is hosted on ElephantSQL, while the front end is hosted using Heroku.

NASA Image Gallery   Website — GitHub

A ReactJs project utilizing the NASA API to display images from various sources. The project pulls images directly from the NASA API, then loops through and inserts the image links into the HTML cards utilizing Reacts' useEffect and useState features.

Prior Experience

National Tire and Battery — General Maintenence Technician   May 2017–January 2021