

# Zachary Murphy

Software Engineer — Columbus, OH

[Portfolio](#) | [GitHub](#) | [LinkedIn](#) | [Email](#)

## Skills

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Python, Javascript, Node.js, HTML5, CSS3, PostgreSQL, Bulma, Bootstrap, Express, Mustache, React.js, Firebase, Emacs, Google Cloud, L<sup>A</sup>T<sub>E</sub>X

## Education

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DigitalCrafts — Certificate in Software Engineering

February 2021–May 2021

## Projects

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### 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 to select from a short list of recipe types to display relevant 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 Node.js modules. The database is hosted on ElephantSQL, while the front end is hosted using Heroku.

### NASA Image Gallery

[Website](#) — [GitHub](#)

A React.js 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 React's `useEffect` and `useState` features.

## Prior Experience

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National Tire and Battery — General Maintenance Technician

May 2017–January 2021