

# Zachary Murphy

Software Engineer

Columbus, OH

[murphy-zj.github.io](https://murphy-zj.github.io) | [github.com/Murphy-ZJ](https://github.com/Murphy-ZJ) | [murphy.zachary@outlook.com](mailto:murphy.zachary@outlook.com) | [linkedin.com/in/zachary-murphy-33249a20b](https://linkedin.com/in/zachary-murphy-33249a20b)

Full-Stack software engineer able to quickly learn and adapt to new languages, environments, and operating systems.

## Skills

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

## Education

DigitalCrafts – Certificate in Software Engineering – Atlanta, GA

February 2021 – May 2021

## Projects

**Atlanta Tourist App** – [atlantatouristapp.web.app](https://atlantatouristapp.web.app) – [github.com/Murphy-ZJ/AtlantaTouristApp](https://github.com/Murphy-ZJ/AtlantaTouristApp)

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** - [apricot-custard-84020.herokuapp.com](https://apricot-custard-84020.herokuapp.com) – [github.com/Murphy-ZJ/food-in-fridge](https://github.com/Murphy-ZJ/food-in-fridge)

A web application developed with a 4-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 NodeJs modules. The database is hosted on ElephantSQL, while the frontend is hosted using Heroku.

**NASA Image Gallery** – <https://nasagallery.herokuapp.com/> - <https://github.com/MU-ZJ/nasa-project>

A react 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 HTML cards utilizing Reacts' useEffect and useState features.

## Prior Experience

National Tire and Battery – General Maintenance Technician

May 2017 – January 2021

Standard duties included performing initial 22 point inspections on all customer vehicles, performing basic maintenance tasks on customer vehicles, and inventory management.