

# Katherine Souza

Software Engineer | Full Stack Developer

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I want to be part of the change that drives the future. My critical thinking skills, self-motivation, and initiative will allow me to succeed in my next role as a full stack software engineer. I am hoping to find a role that will provide challenge and excitement and allow me to grow into the next best version of myself.

## SKILLS

Full stack development, JavaScript, HTML, CSS, Python, React, Node.js, Express.js, SQL, Peewee, Flask, MongoDB, Axios, Mongoose, ODM, REST APIs, JSON, Git, GitHub, Railway, Django, Postman, Heroku, Agile methodology

## PROFESSIONAL EXPERIENCE

### GENERAL ASSEMBLY | New York, New York

*Software Engineering Fellow*

**November 2022 - February 2023**

Full-stack software engineering immersive student in an intensive, twelve-week, 450+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies.

#### **Gourmet Gather - and Instagram for Amateur Cooks around the World (Group Project)**

- Made API fetch calls to a SQL backend using Heroku and tested all backend routes during development using Postman.
- Developed a user interface front end using react and implemented user authentication.

#### **Free Stuff - Digital Curbside in the Cloud Group Project with full CRUD (Group Project)**

- Practiced GitHub workflow as a team.
- Made API fetch calls to an Express, MongoDB, Node.js backend handling all create, read, update, delete (CRUD) operations, and tested all backend routes during development using Postman.
- Developed a user interface front end using react and implemented user authentication.

#### **Met Museum API Front End with Full Crud**

- Made fetch calls to another student's API.
- Developed a user interface front end using React.

#### **API User Interface**

- Made fetch calls to a third party RESTful API.
- Developed a user interface front end using React to create a modal-style UI.

#### **Funky Fruity API**

- Made RESTful API fetch calls to an Express, MongoDB, Node.js backend handling all create, read, update, delete (CRUD) operations, and tested all backend routes during development using Postman.
- Used Mongoose to define schemas for MongoDB collections.

### Raytheon Technologies, Technical Writer/Editor | Burlington, Massachusetts

**May 2019 - September 2022**

- Wrote, proofed, and edited technical documentation for the PATRIOT program with acute attention to detail based on customer specifications.
- Collaborated with team members to reach a common goal of producing more accurate manuals on time and under budget.
- Implemented an editorial control function into the technical documentation process flow to improve readability, consistency, and usability of technical documentation.
- Translated complex technical information into digestible information for a non-technical audience.

## EDUCATION

### University of Rhode Island | Kingston, Rhode Island

*Bachelor of Arts in Communication Studies, Vocal Performance* - Summa Cum Laude from the Honors College with a 3.96 GPA