

Gerald Arzola

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[Github](#) | [Website](#) | [LinkedIn](#) | [Blog Articles](#)

SOFTWARE ENGINEER | FULL-STACK DEVELOPER

Full-stack web developer experienced in JavaScript as well as Ruby on Rails with a background in Customer Service. **Programmer with strong skills** in team-building, project management, data structures and algorithms, debugging, and code optimization who positively contributes to companies objectives. **Engineer** with projects that incorporate front-end and back-end development with robust user interface (UI) and use optimal and efficient code to solve real-world problems.

TECHNICAL SKILLS

Languages: JavaScript ES6, React, Ruby, Ruby on Rails, HTML5, CSS, SQL, Python

Technologies: Git, PostgreSQL, SQLite 3, Visual Studio, Heroku, Netlify, Redux, MapBox API, Jupyter Notebook, Microsoft Office (Word, Excel, PowerPoint), Bootstrap

TECHNICAL PROJECTS

Eco-Routes - [Live Demo](#) | [Github Frontend](#) | [Github Backend](#) | [Demo](#)

(React, Ruby on Rails, PostgreSQL, Redux, Bootstrap, MapBoxJS)

A React application that finds the most eco-friendly route for your trip and displays it for you on a map. Also allowing you to save trips to your account to keep track of your total carbon-footprint and to compare your carbon-footprint.

- Utilized MapBox API in replace of GoogleMaps API for cost-free API calls.
- Incorporated Redux and Redux Thunk Middleware to handle and store API responses.
- For best aesthetics and user interface, utilized React, Semantic UI React, and custom CSS to design the frontend.
- Used MapBox Geocoding API to help generate GeoJSON that's to be used to fetch directions from MapBox Directions Api.

Thrifty - [Github Frontend](#) | [Github Backend](#) | [Demo](#)

(Javascript, Ruby on Rails, PostgreSQL, Bootstrap)

An ecommerce web application where Thriftshops can apply to be a seller of their products on our platform. A customer can sign up, create and edit their cart, and purchase the items in their cart.

- Added a user-accessible CLI to add new shops and inventory to the database.
- Included a search feature using ActiveRecord queries to display filtered items.
- Implemented RESTful API routes to access the backend database more efficiently.

Tracks - [Github Repository](#) | [Demo](#)

(Ruby on Rails, PostgreSQL)

A post oriented social media application where users can find their preferred NYC Subway Station and write a post to that station allowing all other users tuned in to that post to see it as well.

- Utilized Devise in coordination with BCrypt to set up restful routes for a user to sign in.
- Used an NYC CSV API to instantiate and persist every existing subway station dynamically.
- Designed database schema with efficiency using REST API with Active Record, Ruby on Rails, and PostgreSQL.

My Endeavors - [Github Repository](#) | [Demo](#)

(Ruby, Sinatra, SQLite3, Bootstrap)

A blog bucket list. A user can design a list of 'Endeavors' they'd like to go on. As each one is completed, it is checked off. Pictures and a short description can be added.

- Used BCrypt to encrypt user information.
- Validated using Ruby on Rails and Active Record to set rules and avoid redundancies.

EXPERIENCE

Baron's Cove | Sag Harbor, NY | Waiter

06/2020 - 08/2020

- Performed multiple tasks at once, under heavy time constraints.
- Helped maintain the corporate image and culture at the hotel's outdoor service.

Target | Buffalo, NY | Fulfillment Expert

10/2019 - 012/2019

- Gave guests fast, fun, and friendly service to ensure they have a great experience.
- Had to find and fulfill online carts in a very short time period with great precision.

Almayass | Manhattan, NY | Waiter

08/2015 - 01/2019

- Interacted with customers to provide an exceptional level of service.
- Dealt with customers on a day-to-day basis, handled money, and worked in a dynamic and fast-paced environment.

EDUCATION

Flatiron School | New York, NY | Software Engineer

12/2020 - 05/2021

University at Buffalo | Buffalo, NY | Attended

09/2018 - 05/2020

CUNY Queens College | Queens, NY | Attended

09/2016 - 05/2018