Beatriz Bravo

Software Engineer | Edmonton, AB, Canada

780-909-1339 | beatz.bravo@gmail.com | linkedin.com/in/beatriz-bravo/ | github.com/BeaBravo

SUMMARY

Software engineer with a background in mechanical engineering and full-stack development training from Columbia University. Proficient in HTML, CSS, JavaScript, React.js, Node.js, Express.js, MySQL, and MongoDB. Skilled in building RESTful APIs and responsive web applications. Strong problem-solving abilities demonstrated through cross-functional team leadership at Suncor.

TECHNICAL SKILLS

Front-end Stack: HTML, CSS, JS, jQuery, React.js, Bootstrap, Materialize, Tailwind CSS
Back-end Stack: JavaScript, Node.js, Express.js
Data: SQL: MySQL, Sequelize. NoSQL: MongoDB, Mongoose
Dev and Ops: Git, GitHub, Version Control

RELATED EXPERIENCE

Fresh Finder | Group Project | University of Columbia   February 2024
GitHub: github.com/YuliyaTsoy/food-marketplace-app
Deployed app: market-place-app.onrender.com/
- Online Marketplace where the end user can find or list products they would like to buy/sell.
- Built Front-end of the homepage, user's Store page, and login/signup page using React, React components, and Tailwind CSS
- Built filters with GraphQL to automatically search and render on the home page (React.js)
- Built search bar to look for products in database matching words the end user inputs (MongoDB and GraphQL) and renders on the homepage (React)
- Tech stack: React, HTML5, CSS, Tailwind CSS, Express.js, Node.js, GraphQL, MongoDB

Foodie Finds | Group Project | University of Columbia   January 2024
GitHub: github.com/nicholascatalano/foodie-finds-app |
Deployed app: foodie-finds.onrender.com/
- Search a database of reviewed restaurants, based on a specific location, type of food, and/or type of restaurant. The user is able to create an account and add their own review.
- Built RESTful API routes for the various actions the end user can do
- Built route that could handle the various filters the end-user had applied (Sequelize)
- Tech stack: HTML5, CSS, JavaScript, Node, MySQL, Sequelize, external TripAdvisor API

Wrapify | Group Project | University of Columbia   December 2023
GitHub: github.com/BeaBravo/wrapify | Deployed app: beabravo.github.io/wrapify/
- Find products based on specific criteria. Designed to interact with external API's to search and view Amazon product listings and perform sentiment analysis on each product's reviews.
- Built stylesheet (Materialize library and own CSS)
- Wrote a JS script file to render top 5 results on the page
- Tech Stack: HTML5, CSS, and JavaScript

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ADDITIONAL EXPERIENCE

Plant/Contact Engineer | Suncor Energy, Inc., Edmonton, AB   Nov 2018 – Sep 2023
- Worked closely with cross-functional teams to troubleshoot and optimize units operations to provide maximum product yields, while maintaining safe operations
- Delivered 100+ engineering construction packages, adhering to industry safety and design standards, in a timely fashion to meet deadlines
- Provided mentorship and technical/non-technical training to 10+ students and junior engineers
- Lead process inspections of 20+ critical equipment during unit shutdown/maintenance window

EDUCATION

Full Stack Developer Bootcamp	Columbia University	Nov 2023 – Feb 2024
Master's in Mechanical Engineering	University of Alberta	Sep 2016 – Apr 2018
BSc. in Mechanical Engineering	University of Alberta	Sep 2012 – Apr 2016