

Curtis Bartell

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Summary

I'm a passionate programmer dedicated to following my curiosity and building impactful solutions to complex problems. I see software development as an opportunity to affect meaningful, positive change in the world.

Skills

Languages / Frameworks: Ruby, Ruby on Rails, Sinatra, SQL / PostgreSQL, RSpec / Minitest / Capybara, JSON, GraphQL, HTML5 / CSS3

Systems / Practices: Test Driven Development, VC with Git / GitHub, Object Oriented Programming, REST APIs, Model View Controller Architecture, Microservice Architecture, Heroku, Travis CI, Continuous Deployment / Continuous Integration

Actively Learning / Interested In: Python / Flask / SQLAlchemy, JavaScript ES6, React, Node.js / Express / Jest

Projects

CarbonKnight - [Heroku Deployment](#) | [GitHub](#)

Tech: Ruby on Rails, Sinatra, PostgreSQL, GraphQL, Google OAuth2, Cloverly API, Heroku, Travis CI

CarbonKnight is an app designed to help users estimate and track their transportation related carbon footprint over time. The app was developed by myself and 9 others over the course of 11 days.

Specific Contributions:

- Leading the construction and deployment of the Sinatra microservice and consumption of the Cloverly Carbon Footprint endpoint
- Connecting the microservice to the back end API
- Adding GraphQL queries and mutations to the back end API

Sweater Weather API - [Heroku Deployment](#) | [GitHub](#)

Tech: Ruby on Rails, PostgreSQL, MapQuest API, OpenWeather API, Unsplash API, Heroku, Travis CI

Sweater Weather is a REST API with endpoints to retrieve location based weather and image data. This was a solo project completed in 5 days.

JobQuest (Backend API) - [Heroku Deployment](#) | [GitHub](#)

Tech: Python 3, Flask, SQLAlchemy, PostgreSQL, Heroku, Travis CI

JobQuest is an app designed to gamify tasks related to obtaining a job in tech, made by myself and 6 other devs over a 3 week sprint. It was our first time using Python. This app placed 3rd in a demo competition judged by members of the Denver tech community.

Specific Contributions:

- Creation of RESTful resources and endpoints
- Endpoint testing

Experience

March 2021 - Present

curtis_codes, Denver CO - Freelance Software Engineer

- Currently working on contributions to [Diaper](#), an open-source inventory system for diaper banks

August 2020 - March 2021

Turing School of Software and Design, Denver CO - Student Back End Engineer

- Gained 1700+ hours of practical experience building web applications and APIs in Ruby on Rails while working in remote teams using Agile and Scrum project management techniques

- Turing is the only fully accredited coding school in the United States

September 2016 - August 2020

Ardent Mills, Denver, CO - Sr. Research and Quality Lab Technician

- Supervised junior technicians and contractors, lent technical expertise to other business units, and performed routine lab testing

September 2015 - September 2016

Molecular Products, Inc, Denver, CO - Quality Assurance Lab Technician

- Performed routine sample testing while adhering to standardized documentation and lab practices

Education

Turing School of Software and Design, Denver, CO - Certificate in Back End Engineering | Aug 2020 - Mar 2021

Colorado State University, Fort Collins, CO - B.S. Chemistry | 2010 - 2014