

Thomas Casady - Software Developer | Back-End Developer

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Actively learning engineer with a penchant for exploring new tools and challenges. Passionate about developing good design principles and concepts to reduce cost of software development.

Skills

Languages/Frameworks: Ruby, Ruby on Rails, ActiveRecord, SQL, HTML/CSS, JavaScript/TypeScript, Prisma, Express

Testing: Rspec, Webmock, VCR, Test-Driven Development

Tools/Workflow: Git, Github, Heroku, Vim

Currently Exploring: Rust, Lua, Svelte

Projects

StreamLined, Team Project | 40 hrs | [App](#) | [Backend Service](#) | [FE Repo](#)

Tech Stack: Ruby, Ruby on Rails, RSpec, Heroku, PostgreSQL, Bootstrap

Developed a web app that serves as a tracking tool for Movies and TV a user wants to watch or is interested in watching.

- ❖ Consumed and produced REST API endpoints to aggregate and organize data for Front-End and Back-End services.
- ❖ Used Capybara, VCR, Webmock, and CircleCI to create a thorough testing suite that allowed us to review and deploy code with confidence.
- ❖ Managed agile processes by using Github Project Boards, a Miro board, and standup meetings.

S.A.F.E.R Kids, Team Project | 40 hrs | [App](#) | [Backend Service](#) | [FE Repo](#)

Tech Stack: Typescript, Express, PostgreSQL, Mocha/Chai, Prisma, Postman

Worked with a 7 person team to create a public API that allows users to post data and reviews of shelters for homeless LGBTQ+ youth.

- ❖ Lead the Backend team by creating supplemental resources to assist in learning a new tech stack.
- ❖ Communicated with the Front-end team by building mock data and JSON contracts with Postman.

Rails Engine, Solo Project | 15 hrs | [BE Repo](#)

Tech Stack: Ruby, Ruby on Rails, RSpec

Developed an API application that serves as a Backend for a merchant analytics application

- ❖ Exposed 6 endpoints, allowing a user to search for merchant or item data.
- ❖ Employs good object oriented design to handle complicated parameter logic, robust custom error handling and serialization for ease of use by a front-end application.

Education

Turing School of Software and Design - *Back-end Program* - Spring of 2023

University of Iowa - *Bachelor's in Philosophy - Departmental Honors* - December 2015

Experience

Omaha Public School District - *Library Paraprofessional* - November 2019 - April 2021

Rocky Mountain High Adventure Base - *Mountain Guide, Medical Officer* - Summer of 2017

- ❖ Medical Officer—managed all other medically trained employees.