

ETHAN BLACK

SOFTWARE DEVELOPER

ethanrossblack@gmail.com • 303-513-2897 • Denver, CO • [LinkedIn](#) • [Github](#)

Technical Skills

Languages/frameworks: Ruby, Rails, SQL, PostgreSQL, GraphQL, ActiveRecord, HTML, CSS, Bootstrap

Testing: RSpec, WebMock, VCR, FactoryBot, Faker, Capybara, Simplecov

Tools/Workflow: Git, GitHub, Heroku, Postman, Render, REST APIs, Postico, OAuth

Currently learning: Amazon Web Services (AWS), Python, Javascript, React

Projects

Wutz, Group Project | [Repo](#) | **Tech:** Ruby, Rails, Rest APIs, RSpec, Capybara

Created a daily trivia game with separate frontend and backend applications. Backend API used background workers to consume external Jeopardy and ChatGPT APIs to efficiently generate a daily game board. Frontend utilized a mobile friendly design and local storage for minimal backend API calls.

- Lead a **5**-person development team with an accelerated Agile workflow
- Designed application using Test Driven Development (TDD) and RESTful APIs

Refuge, Group Project | [Repo](#) | **Tech:** Ruby, Rails, RSpec, GraphQL

Built GraphQL API for an application connecting compassionate citizens with US based refugee and asylum-seeker aid organizations based on location.

- Wrote geolocation query that calculates the closest organization by latitude/longitude
- Wrote comprehensive API documentation in the repository and in GraphQL to assist other developers utilizing the API
- Collaborated on a **3**-person backend team with a **2**-person frontend team for overall application using Agile workflows and methodologies

Professional Experience

ProgressNow Colorado, Denver CO

Nov 2019 - Mar 2023

Deputy Digital Director

- Created an instance of the Spoke SMS texting platform and training materials for a distributed community of 800 volunteers who sent **3.3 million** texts to **1.3 million** Colorado voters.
- Coded HTML templates for legislative action pages, driving **10,000+** constituents to communicate with their legislators over my tenure.

Colorado House of Representatives, Denver CO

Dec 2018 - Nov 2019

Legislative Aide to House Majority Leader

- Directly managed a staff of **5 interns** and volunteers to cover legislative policy, monitor legislative committees, complete special projects, and address the concerns of **80,000** constituents.
- Conducted policy research and created concise, aesthetic, and factual one-page bill information sheets for other legislators and key stakeholders.

Education

Turing School of Software and Design

May 2023 - Present

Back-End Software Engineering

The University of Texas at Austin

Aug 2013 - Dec 2017

Bachelor of Arts (B.A.) in Plan II Honors

Plan II is a four-year interdisciplinary honors program and major admitting 175 students out of a freshman class of 9,000.