

AIDEN MENDEZ

SOFTWARE ENGINEER

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📍 Denver, CO

in [aiden-mendez](#)

🌐 [aidenmendez](#)

Skills

EXPERTISE

Ruby on Rails

RSpec

SQL/ ActiveRecord

RESTful Routing

PostgresQL

Git/ Github

Test Driven Development

TravisCI

HTML

CSS

Wordpress

EXPERIENCE

GraphQL

PHP

MongoDB

Express

NodeJS

CircleCI

Big O Notation

Javascript

Active Storage

Education

Turing School of Software and Design Oct. 2020 to Apr. 2021

Back-end Engineering Program 2021

Front-end Development Self-guided learning 2018 to 2020

University of Kansas 2013 to 2016

Projects

Run the Joules

Mar. 2021 to Mar. 2021

Utility customers are able to track their energy usage and compare with their friends and neighbors. User dashboard includes a graph interface that models a user's historical usage data as well as friends' most recent usage data. A point system was implemented to maintain data data privacy between users.

- Built in 10 days with team of 6; Managed with Github Project Board
- Integrated Google OAuth to Rails Frontend
- Implemented second layer of OAuth for UtilityAPI login
- Frontend consumed Backend Rails API endpoints
- Deployed Sinatra microservice to encapsulate UtilityAPI calls
- <https://github.com/run-the-jules>
- *Stacks: Rails, Sinatra, OAuth, RSpec, Javascript, Tailwinds, Heroku, TravisCI*

Rails Engine

Feb. 2021 to Feb. 2021

This backend API was built to power e-commerce platform reporting tool. Given a large set of data, this application was built out to handle RESTful requests for various statistics. A full Postman test suite is also available on the repository readme.

- Ruby on Rails application built over 5 days (solo project)
- Backend API designed to power an e-commerce platform.
- Extensive testing of sad paths and edge cases.
- *Stacks: Rails, JSON, Fast Json API Serializer, PostgreSQL, SQL, RSpec, Postman, Heroku, CircleCI*

Sweater Weather

Mar. 2021 to Mar. 2021

This backend API provides serialized forecast and directional data for a frontend road trip planning application. It requests data from numerous third party APIs and implements user authentication on the frontend for select requests.

- Built over 6 days; Solo project
- Designed 5 endpoints based on given API contracts
- Consumes MapQuest, OpenWeather, and Unsplash APIs
- Extensive edge-case testing
- User-friendly payload organization and error handling
- <https://github.com/aidenmendez/sweater-weather>
- *Stacks: Rails, JSON, Fast Json API Serializer, PostgreSQL, SQL, RSpec, Postman, Heroku, CircleCI*

Crate

Mar. 2021 to Mar. 2021

In this StitchFix-like monolith, our team was given an existing codebase and we were tasked with improving the user profile page and adding a new product history page. As the backend engineer on the team, I built out new tables and added new modules, mutations, and queries for the frontend to use.

- Brownfield project; Features developed with a group of five developers (frontend and backend) over 10 days
- Added user functionality: add profile image, address information, and ability to update profile fields
- Added Product History page: Users can see what items were kept or sent back (new many-to-many relationship and modules)
- <https://github.com/aidenmendez/crate>
- *Stacks (backend): Node, GraphQL, Postgres, Jest, Sequelize*

Employment

American Entomological Society

Remote

Full Stack Developer (Contract)

Dec. 2019 to Apr. 2021

Facilitated in the transition from paper-only subscriptions to a fully online platform where members could pay annual dues and access digital copies of the journals.

- Created detailed documentation for administrators and users.
- Members can access digital versions of the organization's academic journals, manage recurring subscriptions, and update their profiles
- Implemented authentication, payment processing, paywall integration, and a public calendar integrated with Google
- Designed a scalable, user-friendly process for uploading publications and managing website content.
- Implemented version control
- *Stacks: Wordpress, CSS, HTML, Paypal Developer*
- <https://aes1859.org>

CompanyBe

Denver, CO

Front End Development/ Customer Experience Intern

Jan. 2020 to June 2020

Improved customer issue tracking and built a knowledge base website.

- Streamline the customer ticket routing process
- Track customer-related KPIs
- Develop a Knowledge Base website
- Write new technical documentation to publish on Knowledge Base website
- Troubleshoot technical issues with customers

Topo Designs

Denver, CO

IT Administrator (Contract)

Mar. 2019 to Mar. 2020

- Set up a computer inventory tracking system
- Scaled the wireless infrastructure during a transition to a larger warehouse space
- Managed G Suite accounts
- Performed an internal audit of software licenses
- Consolidated Internet Service Providers
- Reduced ISP and software licensing costs by 28%
- Regularly ensured company was PCI compliant
- Integrated an Audio/ Video system in all conference rooms