

MATT KRAGEN - SOFTWARE DEVELOPER

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SKILLS

- Ruby on Rails
- OOP
- Test-Driven Development
- RSpec
- API Development
- HTML/CSS
- JSON
- VSCode
- Atom
- Heroku
- PostgreSQL
- Git/GitHub
- Project Management
- CRUD
- Circle CI

PROJECTS

[Sweater Weather](#), Ruby on Rails, [Repo](#)

September 2021

Solo Project

- Created 5 API endpoints using wireframes for a proposed front-end application
- Aggregated data from 3 external APIs; MapQuest Geocode, MapQuest Route, and OpenWeather Onecall
- Implemented an error serializer to deliver 5 custom error messages
- Created and authenticated secure API keys for every user
- Designed a predictive weather forecast system to match calculated travel time up to 7 days

[Travel Buddy](#), Ruby on Rails [Front End](#)/[Back End](#)

September 2021

Group Project, 6 Contributors

- Pulled data from 2 APIs (i.e. National Park Service and Open Weather) to allow users to plan road trips with their friends
- Exposed 25 endpoints through an external API; Practiced service-oriented architecture
- Built an interactive User and Trip dashboard, the ability to create collaborative checklists, and view weather forecasts
- Published documentation of endpoints; improved accessibility through an API contract.
- Participated in daily standups; Used a sprint-based strategy to achieve deadlines; Wrote wireframes on Miro
- Tested endpoints using Postman; Styled using Bootstrap; Implemented Spotify OAuth; Deployed on Heroku

[Rails Engine](#), Ruby on Rails

September 2021

Solo Project

- Developed an API-based E-Commerce application
- Exposed 15 RESTful endpoints to create and report business intelligence
- Wrote 3 custom error messages for sad paths and edge cases
- Enabled search functionality for 2 resources via query params
- Utilized FastJSON serialization; Tested using Javascript-based Postman suite

EXPERIENCE

Back End Software Developer, Remote

April 2021 – November 2021

[Turing School of Software and Design](#)

- Completed 1200+ hours of a 7-month, intensive back-end engineering program
- Learned Ruby on Rails within 6 months through the development of more than 12 back-end projects
- Self-taught multiple new technologies like basic Front-End Design, Continuous Integration, Error Handling
- Collaborated on teams using Git-based project management tools
- Evaluated aptitude with regular project submissions and technical assessments

Certified Personal Trainer & Health Coach, San Diego County

Jan 2018 – April 2021

Private, 24-hr Fitness, CSUSM Fitness Center

- Acquired 2 professional certifications through the American Council on Exercise
- Performed training and coaching services at gyms and through self-employment
- Maintained schedules with upwards of 15 clients, often meeting 2-3x per week
- Reached “Elite Trainer” status with 24-hr Fitness based on experience

EDUCATION

California State University San Marcos, San Marcos, CA

Dec 2018

Bachelors in Philosophy; Emphasis on Digital Research

- Conducted research using academic journals and archived texts
- Demonstrated depth of research through written and verbal presentations in 2 capstone projects