

Zach Trokey

Software Developer

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Technical Skills

Technologies: Ruby, Rails, SQL, ActiveRecord, RSpec, REST API, JSON, Git/GitHub, TravisCI, CircleCI, Heroku, AWS
Practices: Object-Oriented Programming, Test Driven Development (TDD), Agile Development, Git/Version Control, Continuous Integration, Project Management, Remote Collaboration, Slack, Zoom, Trello, GitHub Projects

Projects

Whether, Sweater

Solo Project | Built in 5 days | [GitHub](#)

Tech: Ruby on Rails, RSpec, PostgreSQL, FastJSON API, CircleCI, VCR, WebMock, Postman

- Built a REST API that exposes multiple endpoints to meet the front-end team's requirements
- Added functionality to allow a user to register for an API key and log in
- Exposed API endpoint to generate the current and forecasted weather based on travel time to a chosen destination

Viewing Party

Paired Project | Built in 10 days | [GitHub](#)

Tech: Ruby on Rails, RSpec, PostgreSQL, Bootstrap, TravisCI, VCR, WebMock, Figaro, Postman

- Built an application to explore movies from The Movie Database (TMDB) API
- Constructed both front-end and back-end of application
- Required basic authentication utilizing Ruby bcrypt
- Utilized self-referential database relationships

Rails Engine.

Paired Project | Built in 7 days | [GitHub](#)

Tech: Ruby on Rails, RSpec, PostgreSQL, FactoryBot, Faker, FastJSON API, Postman

- Built a REST API that exposes multiple business intelligence endpoints
- Utilized serializers to format JSON responses
- Built advanced ActiveRecord queries to analyze information stored in SQL database

Professional Experience

Leadership and Management

- Managed schedules and oversaw daily operations of department with 30 employees
- Hired, trained, and on-boarded new employees

Project Management

- Oversaw multiple crews simultaneously on large, high-profile jobs.
- Performed tasks central to project progress including, scheduling, budgeting and accounting, and resource management.

Operations Management

- Developed inventory tracking procedures
- Managed daily operations, including purchasing, scheduling, and inventory forecasting
- Reduced inventory losses by implementing new checkout procedures

Black Roofing, Inc. | Project Manager | Operations Manager

Flatiron Capital, a Division of Wells Fargo Bank | Risk Analyst

Education

Turing School of Software and Design, Denver, CO

Backend Software Engineering

- Attained 2000+ hours of coding experience from an accredited, immersive, 7-month program.
- Developed 13 applications using test driven development and agile workflow
- Designed and developed relational databases and Rails APIs