

Douglas Welchons II

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SKILLS

- **Technical proficiencies:** Ruby, Rails, PostgreSQL, Heroku, Sinatra, ActiveRecord, Travis CI, Postman, Git, Github
- **Limited experience:** JavaScript, HTML, CSS, Python, Bootstrap, Circle CI, Sidekiq, Redis
- **Testing:** RSpec, Minitest, Webmock, VCR
- **Concepts:** Object Oriented Programming, Test Driven Development, Service Oriented Architectures, Agile Software Development, RESTful architecture
- **Non-technical skills:** Project Management, Cost Control, Scheduling and time management, Team leader

PROJECTS

Yard Sourcing (group project) [Production App](#) / [Github Repo](#)

- An application built by a team of 7 that facilitates the rental of yards for parties, events, or pets.
- Service oriented architecture: Three separate applications that communicate via internal APIs
- Consumes multiple external APIs
- Exposure to previously unknown frameworks
- Tech stack: Ruby on Rails, Sinatra, Travis CI, Heroku, PostgreSQL, ActiveRecord, RSpec, Webmock, VCR

Sweater Weather (solo project) [Github Repo](#)

- Exposes APIs that return current and forecasted weather data for a given location and travel time and forecasted weather for your arrival time for road trips
- Exposes APIs that aggregates data from multiple different external API sources
- Implements API key creation and validation
- Tech stack: Ruby on Rails API application, RSpec, PostgreSQL, ActiveRecord, Webmock, VCR

Rails Engine (solo project) [Github Repo](#)

- Simulates the backend portion of an online merchant platform, returning business analytic data
- Exposes APIs that return simulated business data using ActiveRecord queries
- Tech stack: Ruby on Rails API application, RSpec, PostgreSQL, ActiveRecord, Webmock, VCR

PROFESSIONAL EXPERIENCE

Rowan Electric, San Diego, CA

November 2011 - November 2020

Project Manager:

2018 - 2020

- Managed between 2 and 5 projects at any time, ranging from \$50K - \$20M
- Responsible for all aspects of the project including, client relationships, budgets, and schedules
- Managed cross-functional coordination to facilitate project success

Project Engineer/ Assistant PM:

2015 - 2018

- Collaborated with multiple project managers to ensure all task and functions we covered for project success

Field Installer:

2011 - 2015

- I started with the company as an apprentice electrician working in our new construction field department

EDUCATION

Turing School of Software and Design Denver, CO / Remote

November 2020 - Present

Accredited backend engineering certificate

- Built 12 individual projects with tight 1 - 2 week durations, on teams from 1 - 7 people
- Spent two innings (half of the program duration) serving on the student leadership committee
- Responsibilities as part of the student leadership committee included planning and facilitating weekly retros, acting as a liaison between the student body and instructional staff, ensuring properly facilitated student-run activities.