

Matt DesMarteau

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SKILLS

TOOLS: Ruby, Rails, JavaScript, React, ERB, AJAX, AXIOS, CSS3, SCSS, HTML5, Capybara, Nokogiri, RSpec, PostgreSQL, SQL, AWS, Linux Command Line

CONCEPTS: TDD, API's, MVC, RESTful routes, Relational Databases, Scripting

PROJECTS

Snow Travel – Ruby on Rails, API, JSON, HTML, and CSS/Sass – two weeks

- Built site using Ruby on Rails with MVC principles to consume an API and display the results using HTML and CSS/Sass with bootstrap.
- Designed to be sortable through column headings using HTML and CSS with a JavaScript library called 'bootstrap-table.'
- Used Test Driven Development (TDD) with RSpec and Capybara for feature testing.
- Made site model heavy to analyze the JSON API, which led to more backend functionality.
- GitHub: https://github.com/MDes41/snow_travel
- Production Site: <https://snow-travel.herokuapp.com/>

Rails Engine – Ruby on Rails, JSON API, HTML, and CSS/Sass – one week

- Created an internal API for mock sales data utilizing Ruby on Rails, Bootstrap, HTML, and Sass.
- Organized site through a common Rails framework of API version control using folder trees.
- Used Test Driven Development (TDD) to bring the application together through RSpec.
- Designed site with use of MVC principles and RESTful routes rendering JSON in the views.
- GitHub: https://github.com/MDes41/rails_engine

Project Briefcase – React, JavaScript, Rails, AWS, HTML, Sass – four weeks

- Built project from ground up utilizing Ruby on Rails, PSQ database, and AWS service for the backend with a React, JavaScript, Materialize, and CSS front-end.
- Combined views from ERB in Rails to a JavaScript/HTML component rendering in React.
- Used AXIOS calls to Rails controllers to accomplish passing state from React back to the PSQ database.
- Hosted resume and picture uploads on AWS and used phantom-JS to test site through RSpec.
- Utilized React functionality by writing JavaScript and click actions within the component view.
- Handled complex React component views by breaking things down to its simplest form.
- GitHub: <https://github.com/turingschool-projects/briefcase>
- Productions Site: <https://turing-briefcase.herokuapp.com/>

EMPLOYMENT

Colorado Concrete Repair – Website Developer – eight months

Centennial, Colorado

- Used WordPress to maximize SEO through keywords and image tags
- Switch site over from WordPress.com to create site with more PHP, HTML, and CSS customization through Sublime Text and WordPress.org SDK.
- Worked on HTML and CSS layout to create a custom website for marketing photos and job details.
- Created short blogs about the jobs to enhance visibility through SEO.

Baker Hughes – Account Manager – five years

Pinedale, Wyoming

- Became advance with Microsoft Excel, Word, and PowerPoint
- Worked with Excel daily to create reports and presentations for field work completed by the team.
- Headed 4-5-man team coordinating tasks and solving program issues

EDUCATION

Turing School of Software and Design – Full-stack Program – one year

University of Colorado at Boulder – BS Finance; Engineering Experience