

# James F. Fernandez

## Full Stack Software Developer

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GitHub: <https://github.com/jffernan> | Portfolio: <https://jamesffernandez.wordpress.com>

Full stack developer with a passion for problem-solving that meets user needs and strong user empathy. Over 14 years of proven experience in real estate appraising, transitioning to software development with a focus in Ruby and JavaScript. I bring strong data analytical and reporting skills, especially working with big numbers, and have excellent writing skills, an asset in writing good code.

## TECHNICAL PROJECTS

**React-Redux Weather Application** - Demo: <https://jffernan.github.io/my-react-redux-weather-app>

SPA built with React (via Facebook's Create-React-App generator), Redux, and Bootstrap JS front-end libraries with Rails API on back-end

- Integrated Fetch API and Redux Thunk to retrieve weather based on input of city from external API to render current conditions
- Built "user-friendly" UI with multiple options for input via form to enter city, select from sample list of cities, or save new city
- Followed Redux pattern to manage state in central store, observing Single Responsibility Principle and Separation of Concerns

**Rails Widget E-Store** - Demo: <https://my-rails-store.herokuapp.com>

E-commerce website created in Rails MVC framework with REST routes, user signup & login, and secure password hashing via Bcrypt

- Implemented working shopping cart to place new orders and update cart, a product search bar, and checkout processing

**Calculator Web App** - Demo: <https://jffernan.github.io/my-react-redux-calculator>

SPA developed using React, Redux, and Bootstrap on the UI, where user can perform basic math operations by clicking buttons

**Rails Restaurant Review** - Demo: <https://ror-my-restaurant-review.herokuapp.com>

CMS website built in Ruby on Rails, using MVC architecture, API, and RESTful routing with secure user authentication and authorization

- Enabled user functions to CRUD reviews of restaurants visited via ActiveRecord, Rails' built-in Object-Relational Mapping (ORM)
- Utilized jQuery and Rails AMS in JSON API back-end via AJAX for fast single-page rendering of index & show resources of reviews
- Installed Kaminari, a Ruby gem to paginate the index lists of users, reviews, and restaurants for clean, navigable page views

**Sinatra Movie Collection** - Demo: <https://sinatra-my-movie-collection.herokuapp.com>

CMS web application created using Sinatra, a Ruby gem framework, with MVC and REST patterns for users to CRUD movies owned

## TECHNICAL SKILLS

**Languages:** Ruby (OOP, Gems), JavaScript (ES6, jQuery, AJAX, JSON, Node.js, Bootstrap), HTML, CSS, Python **Web Tech:** Rails, React, Redux, Sinatra, API, WordPress **Databases:** SQLite, PostgreSQL, MySQL **Tools:** GitHub, Heroku **TDD:** Rspec, Mocha **MS:** Word, Excel

## EDUCATION

**Full Stack Web Development**, Online Coding Boot Camp Program (800-hours), 2017, completed 5 portfolio projects in Ruby and JS

**University of Washington**, Seattle, WA, BA in Business Administration-Finance, Cum Laude Honors, Graduated in 3 Years

## PROFESSIONAL EXPERIENCE

**Independent Contractor, Seattle, WA**

Certified Real Estate Appraiser, June 2015 to June 2017

- Maximized efficiency in research and analysis of residential market and property data that met client deadlines 100%
- Produced accurate, well-supported, and easy-to-read reports with strong attention to detail, that satisfied client needs

**LHL Appraisal Associates, Seattle, WA**

Certified Commercial Real Estate Appraiser, October 2007 to May 2015

- Completed appraisals of variety of commercial buildings (multi-family, retail, office, industrial) Word reports, Excel macros

**Starpoint Property Appraisals, Seattle, WA**

Licensed Residential Real Estate Appraiser, March 2003 to October 2007