

# 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 focus in Ruby and JavaScript. I bring strong data analytical and reporting skills, especially working with big numbers, and have excellent writing skills.

### 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*

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

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

*E-commerce site created in Rails with MVC pattern, REST routes, user signup/login, and safe password hashing via Bcrypt*

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

**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 math operations by clicking buttons*

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

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

- Enabled user functions to CRUD reviews of restaurants via ActiveRecord, Rails' Object-Relational Mapping (ORM)
- Utilized jQuery in JSON API back-end via AJAX for fast single-page rendering of index and show resources of reviews
- Installed Kaminari Ruby gem to paginate the 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 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:** SQL, PostgreSQL, MySQL **Tools:** GitHub, Heroku **TDD:** Rspec, Mocha

### EDUCATION

**Full Stack Web Development**, Online Coding Boot Camp Program (800-hours), 2017, completed 5 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 highly-detailed reports that consistently 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 like retail, office, industrial, Excel macros in Word reports

**Starpont Property Appraisals, Seattle, WA**

Licensed Residential Real Estate Appraiser, *March 2003 to October 2007*