

Brad Sanders

Software Developer

San Francisco, CA • sandersbrad@gmail.com • (919) 980-0813

Ruby • Rails • RSpec • JavaScript • ReactJS • jQuery • Fluxxor • Backbone.js • CSS • Git • PostgreSQL • Elasticsearch • Heroku

Experience

Full Stack Software Engineer - Dot and Bo

January 2016 - September 2016

Application Environment: Rails • React • RSpec • Capybara • Elasticsearch • PostgreSQL

- Collaborated with engineering and product teams to design, architect and build a service oriented and seamlessly integrated e-commerce platform from the ground up. Platform consisted of a single headless Rails API and two separate React applications: the CMS and Storefront
- Integrated elasticsearch and refactored our API search controllers with an 80% decrease in complexity, normalizing search across the entire application using module inheritance
- Improved search functionality and the relevance of search results by refining elasticsearch query structures and document index analysis
- Designed and improved a number of data models, including a single extensible and encapsulated content object which represented all forms of content that was used on both the CMS and Storefront
- Wrote and enhanced advanced UI elements to improve internal workflow, such as a drag and drop algorithm, and real time search, sorting, and filtering capability
- Responsible for decreasing API response times by streamlining the building of JSON response objects and removing N+1 queries
- Maintained over 95% test coverage of our API layer by writing efficient, effective RSpec tests
- Developed tools to streamline our development process, such as test data population tools and elasticsearch reindexing shortcuts
- Maintained and improved a collection of legacy applications, including modifying outdated integrations to support more recent and relevant business logic

Lead Software Developer - [The Slade Dozier Foundation](#)

July 2016 - Present

Application Environment: Rails • jQuery • PostgreSQL

- Integrated Braintree.js and ensured PCI compliance
- Managed application environments and their resources in Heroku for both staging and production
- Created an event registration system for public fundraising events
- Designed and implemented a data reporting system to send nightly emails to board members about daily site activity

Instructor - RailsBridge

October 2015 - December 2015

Application Environment: Rails • JavaScript

- Instructed students of all levels on web development concepts and engineering best practices

Education

BA Chemistry • The University of North Carolina at Chapel Hill • December, 2009

Full Stack Software Development • AppAcademy • September, 2015

Projects

[Grounded](#) • [GitHub](#)

October 2015

Application Environment: Rails • Backbone.js • PostgreSQL

- Architected and built a crowd shared real estate platform as a demo site for a startup seeking investment
- Integrated Google API for enhanced UI with map visuals
- Developed admin access to allow editing of listings using the site's GUI