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 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- Maintained and improved a collection of legacy applications, including modifying outdated integrations to support more recent and relevant business logic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