

Miles Shea

1736 Boulder St. #301

Denver, CO 80211

miles.shea@gmail.com

About Me

I'm a contract software developer based in Denver, CO, with 4+ years of experience with Ruby, Rails, and JavaScript. Prior to this, I worked as a database analyst and software QA-er for a mid-sized e-commerce company. I've long had a keen interest in business, the intersection of business and technology, and using software to create value.

I work with both new and existing Rails apps, using a variety of tools, and taking care to write code that is easy to maintain and pleasant to use. I've worked for clients in diverse industries, including: education, entertainment, e-commerce, mental health, and academia.

I'm available for contract work, sub-contracting, or part-time regular work. If you have development needs, [drop me a line](#) and we can see if it would be a good fit. If it's not, or if I don't have the availability to take on a new project, chances are I can put you in touch with someone who can help.

Projects

Some of the tech stack is consistent across all my projects- Rails versions ranging from 3.2 - 5.0, either PostgreSQL or MySQL, jQuery, ReactJS, either Minitest or RSpec, Capybara, and in most cases, a customized version of Bootstrap.

In addition to the projects below, I've been doing some short engagements with various clients needing a few weeks of work to fix some bugs or add some features that have been on their to-do lists. I've also been tutoring newer programmers, both through the Firehose Project as well as independently for those who either want to learn more about how their applications work or who are newer programmers building applications to test a business idea.

Greenfield projects

Name TBD (*pre-launch*)

Client: A social media content marketing startup

Product: A mobile-friendly MVP application to help them test an improved idea in a relatively new space.

Responsibilities: All development, and working with founders to refine product design and requirements to arrive at a true minimum feature set.

NoCurve Analytics (*beta testing phase, work ongoing as time allows*)

Client: self (side project)

Product: An e-commerce analytics dashboard using interactive charts (Highcharts) and tables to visualize various financial and marketing metrics.

Responsibilities: All development and design. It's still in the development and testing stages, but the app can be run with demo data, or if you're a Shopify merchant, you can try it out with store data.

CACS Risk Assessment Tool (*launched April 2017, phase 2 scheduled to wrap up late July 2017*)

Client: A mental health practice

Product: A mobile-friendly tool for mental health professionals to aid in performing patient risk assessments and recommending appropriate resources.

Responsibilities: All development, incorporating brand images and colors from designer, working with founders to refine product design, and working within unique requirements due to liability and confidentiality concerns. It's only open to professionals in the mental health field, but the landing page contains a demo video if you want to see how it works.

SciPinion (*launched September 2014, phase 2 finished March 2015*)

Client: Local opinion measurement and analysis startup

Product: A greenfield survey creation, administration, and analysis application

Responsibilities: Making architectural decisions, developing core functionality (including survey results analysis and display tools), working alongside another Rails developer and a UI/UX firm to bring it all to life, and being on hand for staged launches and live demos.

Work done on existing projects

June 2016 – present (occasional work ongoing)

Client: Specialty email design, management, and delivery company

Product: An email templating and contact management application that had been on a development hiatus for the better part of a year.

Responsibilities: Bug fixes, new features, and building HTML/CSS email templates from PDF proofs.

November 2013 – October 2015

Client: 200+ employee education services company

Product: A mature application that handled the company's ERP and CRM needs and provided the main point of interaction for customers in terms of managing their services and tracking their results and progress.

Responsibilities: Designing and implementing features based on business requirements and design patterns currently in place, writing and maintaining tests, refactoring application and test code, identifying and fixing bugs.

Comedy Works *August 2014 – December 2014, July 2015 – November 2015*

Client: Large entertainment company and venue

Product: An application with customer-facing event and ticketing functionality and internal CMS and ERP functionality.

Responsibilities: Working with another Rails dev to take over a botched upgrade attempt, upgrading application from Rails 2.3 to 3.2 (as an intermediate step on the path to upgrading to 4.1), some initial server configuration, implementing features, identifying bugs and implementing fixes, and refactoring and improving test coverage where appropriate.

Experience with...

- Best practices for creating understandable, reusable, and maintainable code
- Always being mindful of end users' needs and expectations
- Advanced ActiveRecord
- Extracting objects from the model layer, avoiding using models as catch-alls
- Most of the standard Rails testing tools and strategies
- Opportunistic (and occasionally planned) refactoring
- jQuery, AJAX, ReactJS (and some CoffeeScript) to enhance user experience.
- MySQL, PostgreSQL, and relational theory and design
- Responsive layouts and testing / troubleshooting on mobile devices
- Standard Git team-oriented workflows, continuous integration, and various agile tools and practices
- Miscellaneous tools (in no particular order, with varying levels of familiarity): Github, Pivotal Tracker, Bootstrap, various small JS plugins, Mini-profiler, Highcharts, Mocha, ThinkingSphinx, Code Climate, RailsAdmin, various CI tools, Unicorn, Passenger, Kaminari, VCR, Zeus, Rapidfire, ChartJS.