



Carlos Ramirez III

New York, United States • Member since October 29, 2014

Carlos is a professional software engineer and web developer specializing in the Ruby on Rails framework. He has been working with tech companies in New York's Silicon Alley for over 5 years, helping to build technology-based businesses from the ground up. He has a Bachelor's degree in Computer Science from Williams College and has been working in the software industry for nearly 10 years.

Full Stack

Ruby

Front-end

Back-end Development

Ruby on Rails

GitHub

Git

Plain Old Ruby Object (PORO)

Twitter Bootstrap

Bootstrap

Bootstrap 3.0

SQL

CSS

HTML5

JavaScript

CoffeeScript

PORTFOLIO

eDivv, Inc. (Contract)

Ruby on Rails, PostgreSQL, Heroku, SASS, jQuery, Stripe, Twitter Bootstrap...

The Capital Web LLC (via Toptal)

Ruby on Rails, Heroku, Rspec, Capybara

Nafasi (via Toptal)

Ruby on Rails, Heroku, PostgreSQL, Twitter Bootstrap, Rspec, Capybara

EXPERIENCE

Ruby, 6 years

Ruby on Rails, 6 years

Twitter Bootstrap, 4 years

RSpec, 6 years

Test-driven Development (TDD), 6 years

Heroku, 6 years

Back-end Development, 8 years

JavaScript, 5 years

AVAILABILITY

Unavailable

PREFERRED ENVIRONMENT

Nitrous.io dev environment, Vim text editor, Git

THE MOST AMAZING...

“...exciting thing I've built recently is a custom Zapier app w/ web hooks and a REST API to allow the integration of a new software service with hundreds of others”

Web Developer, CTO

eDivv, Inc. (Contract)

- Implemented an online marketplace and bartering platform for trading beauty products.
- Provided post-development technical leadership to the executive and development team, including reviewing code, generating business flows and wireframes, and other consultation services.
- Identified performance bottlenecks and opportunities for optimization on the Heroku hosting platform.

Technologies: Ruby on Rails, PostgreSQL, Heroku, SASS, jQuery, Stripe, Twitter Bootstrap, Algolia, Stamps.com, USPS

Technology & Business Consultant

2016 - 2016

The Capital Web LLC (via Toptal)

- Performed a high-level evaluation of the business and product.
- Offered advice and guidance on which features to consider building based on the relative costs/benefits, timelines, etc.
- Provided recommendations on useful tools and services to help achieve business and product goals.
- Discussed startup business strategy.

Technologies: Ruby on Rails, Heroku, Rspec, Capybara

Web Developer

2015 - 2016

Nafasi (via Toptal)

- Completely re-designed the visual design of the user interface using a custom Twitter Bootstrap theme.
- Designed a LinkedIn-like profile page with in-place editing and updating using AJAX and server-side rendered templates.
- Implemented a downloadable custom PDF report using HTML-to-PDF rendering techniques to ensure proper formatting and layout of the final document.
- Instituted an automating testing policy and implemented a complete integration test suite to provide full coverage of new features.
- Added analytics tracking to the web application using Segment, Mixpanel, and Google Analytics.
- Used modern methods of social engagement such as commenting, up/down voting, etc. to allow users to engage and collaborate on application-specific items.

Technologies: Ruby on Rails, Heroku, PostgreSQL, Twitter Bootstrap, Rspec, Capybara

Web Developer

2015 - 2015

Curated (via Toptal)

- Built a custom Zapier app with triggers and actions specific to the Curated software service to allow integration with hundreds of other Zapier-supported software services.
- Created a system for triggering and subscribing to web hooks for various application events.
- Implemented time-based, recurring, and event-triggered transactional emails containing summary reports and user-action reminders.
- Optimized the performance of click- and open-rate statistics reports using counter caches and denormalized tables rather than ad-hoc SQL queries.
- Implemented the next-generation (v2) of a legacy REST API with updated conventions, best practices, and code improvements.

Technologies: Ruby on Rails, Zapier, Mandrill, PostgreSQL, REST API

Web Developer

2015 - 2015

Buster, Inc. (Contract)

- Helped launch a fully redesigned 2nd generation of this product over a 3 month period.
- Created a custom, rules-based engine for scheduling and sending customer leads to qualified vendors within the system in order to maximize profit.
- Implemented custom front-end designs and user experience flows using SASS/CSS and JavaScript.

Technologies: Ruby on Rails, JavaScript, SASS, Heroku

Web Developer

2013 - 2015

Map-tac LLC (Contract)

- Designed and built a custom itinerary building tool and marketplace for travel professionals and their clients.
- Created a custom search algorithm for indexing and finding tours based on user criteria using Elasticsearch.
- Developed a custom tagging tool for marking trip destinations using Yahoo!'s GeoPlanet API.
- Built a white-labeled search engine front-end featuring fully data-driven theming, branding, and content curation.
- Integrated dozens of third-party data feeds from suppliers, normalizing the data to allow the search engine user experience to be consistent regardless of the content's source.

Technologies: Ruby on Rails, PostgreSQL, Elasticsearch, Heroku, SASS, CoffeeScript, jQuery, Google Maps

Web Developer**Affirmify, LLC (Contract)**

- Designed and implemented a response management software-as-a-service system for HR professionals.
- Created a custom Wufoo-style form builder using JavaScript.
- Built a multi-tenant account system with custom subdomains for each subscriber.
- Implemented a subscription-based payment model using Chargify.

Technologies: Ruby on Rails, PostgreSQL, Heroku, SASS, jQuery, Chargify

Senior Software Engineer

2008 - 2011

Total Computer Software

- Designed and implemented a system-wide data searching algorithm and accompanying user interface.
- Architected and implemented an inter-agency data sharing system using C#, the .NET framework, and Windows Communication Foundation with an emphasis on interoperability, distributability, and security.
- Designed and implemented a mapping system integrated with ESRI ArcGIS web services to display maps, locate addresses, and retrieve geo-data.
- Discovered and corrected architectural design flaws to improve program efficiency and performance.
- Maintained a data-driven user interface validation system to enforce good data input.
- Handled user interface development using Windows Presentation Foundation.

Technologies: .NET

Curated (Development)

<http://curated.co>

A software-as-a-service platform for creating, managing, and sending beautifully curated newsletters.

Nafasi (Development)

<http://nafasi.co>

A platform to facilitate engagement, collaboration, and discovery between innovators and talented job seekers.

Buster (Development)

<https://www.buster.com>

An Uber-style marketplace for group transportation. Allows consumers to book limos, buses, vans, etc., and provides back-office tools for transportation providers to manage inventory, accept bookings, and charge customers.

eDivv (Development)

<http://www.edivv.com>

An online marketplace for trading beauty products.

Affirmify (Development)

A response management system for HR professionals.

Tripwing (Development)

<http://tripwing.com>

An itinerary builder and online marketplace for travel professionals and their clients.

Keep Calm And Transition To A New Development Team (Publication)

<https://www.toptal.com/software/onboarding-a-new-development-team>



Many product owners don't have a technical background and thus often find themselves unprepared and scrambling when it comes time to bring on a new development team. This often results in hindered progress, wasted time, and frustration for everyone involved. If this sounds like it could be you, either now or in the future, then you should be somewhat concerned. In this blog post, Toptal Freelance Software Engineer Carlos Ramirez III will walk you through the various steps of a typical transition process in project management so you can prepare for this eventuality and make the transition as smooth as possible.

How to Use Rails Helpers: A Bootstrap Carousel Demonstration (Publication)

<https://www.toptal.com/ruby-on-rails/rails-helper-bootstrap-carousel>



One of the most misused, misunderstood, and neglected of all the Rails built-in structures is the view helper. Helpers often get a bad reputation for being a dumping ground for one-off methods used across the entire application's view layer. But what if your helpers could be more semantic, better organized, and even reusable across projects? What if they could be more than just one-off functions sprinkled throughout the view, but powerful methods that generated complex markup with ease leaving your views free of conditional logic and code? Let's see how to do this when building an image carousel, with the familiar Twitter Bootstrap framework and some good old-fashioned object-oriented programming.

SKILLS

Languages

Ruby, SCSS, SASS, CSS, SQL, CoffeeScript, HTML5, Haml, JavaScript

Frameworks

Ruby on Rails, Bootstrap 3.0, Twitter Bootstrap, Slim, minitest, Bootstrap, Foundation

Libraries/APIs

JSON REST API, Ruby on Rails API, REST API, jQuery, Ruby Page Object, Segment.io, Stripe, Chargify, React.js, SQLite, Yahoo! API, API, GitHub API, Mandrill, Facebook API

Tools

GitHub, ERB, RSpec, Basecamp, Slack, Trello, Zapier, Git, Pivotal Tracker, Campfire, Sublime Text, Solr, VirtualBox, Vagrant, Asana, MailChimp

Paradigms

Test-driven Development (TDD), Unit Testing, Minimum Viable Product, Lean Startups, Plain Old Ruby Object (PORO), Object-oriented Programming (OOP), MVC, REST, Agile Software Development, AJAX, Functional programming

Platforms

Heroku, Mac OS X, Amazon Web Services (AWS)

Misc

Mixpanel, Back-end Development, Front-end, BitBucket, Technical Project Management, Product Development, Webhook, Team Mentoring, Responsive Web Apps, Media queries

Storage

Elasticsearch, MongoDB, PostgreSQL, MySQL

EDUCATION

Bachelor's degree in Computer Science

Williams College - Williamstown, MA

2004 - 2008
