

# Ryan Immesberger

## Software Developer

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**portfolio:** [rimmesbe.github.io](https://rimmesbe.github.io)

**github:** <https://github.com/rimmesbe>

### Summary

- Over 3 years of experience in full stack development with different languages and frameworks.
- Advanced knowledge of front end UI technologies including: **HTML5, CSS3, JavaScript, JQuery, AJAX.**
- Experience with responsive front end design via **media queries, Flexbox, Bootstrap, Foundation**, and **Material Design Lite.**
- Created Content Management Systems(**CMS**) through **Restful API's** using frameworks like **Ruby on Rails** and **Sinatra.**
- Versed in complex relational database schema design with database languages including: **SQL, SQLite, Postgres, mySQL**, and Object Relational Mappers(**ORM**) like **Active Record.**
- Experience working in various IDE's such as: **Web Storm, Sublime Text, Netbeans, Atom.**
- Worked with front end Object Oriented MVC frameworks via **Angular JS** and building prototypes in **Angular JS 2.**
- Experience working in **Agile/Scrum** environments and using tools such as: **Git, Github, Trello, Slack.**
- Versed in **Test Driven Development** and testing frameworks including: **RSpec, Mini Test, Jasmine, JUnit, Capybara.**
- Expertise in debugging with tools like: **Pry, Byebug, Chrome Developer Tools.**
- Strong communication skills, problem solving skills, and planning skills with the ability to work independently or on a team.

### Technical Skills

|                       |   |
|-----------------------|---|
| Programming Languages | Ruby, JavaScript, TypeScript  |
| Web Technologies      | HTML5, CSS3, JQuery, AJAX, Flexbox, SASS, media queries, CSS Grid               |
| Frameworks            | Ruby on Rails, Sinatra, Angular JS, Bootstrap, Foundation, Material Design Lite |
| Database              | SQL, SQLite, Postgres, Active Record  |
| IDE                   | Web Storm, Sublime Text, Netbeans, Atom   |
| Version Control Tools | Git, Github, Slack, Trello  |
| Testing               | RSpec, Mini test, Jasmine, JUnit, Capybara                                      |

### Experience

#### CODECADEMY ADVISOR, CODECADEMY, REMOTE – FEBRUARY 2016 - PRESENT

##### Responsibilities:

- Explain coding concepts to Codecademy students, and provide additional resources for their learning.
- Reviewing and debugging students coding challenges and projects.
- Help users pick out an appropriate learning path, what technologies to learn based on goals.
- Submit bug reports for certain lessons/browser issues when discovered.

Technologies: Angular, Bootstrap, JavaScript, SASS, HTML5, CSS, Ruby, Ruby on Rails, Git/hub, command line, SQL, JQuery

#### TEACHING CONSULTANT, DEV BOOTCAMP, NEW YORK, NY – JUNE 2015 - MAY 2017

##### Responsibilities:

- Teach development students the fundamentals of programming and coding concepts including: **Object Oriented Programming, RestfulAPI's, Test Driven Development, Version Control**, etc.
- Perform code reviews on student coding challenge submissions.

#### UI/WEB DEVELOPER, ENABLE IT, NEW YORK, NY – JANUARY 2016 - MAY 2016

Technologies: Angular 2, Angular Bootstrap, TypeScript, SASS, HTML5, Material Design Lite, RxJS

Worked on a agile team developing a prototype trading dashboard. The goal was to create a user customizable dashboard with many features including: interactive graphs, live ticker feeds, live news feeds, details tab, etc. The dashboard was built on the Angular 2 framework with various other technologies depending on the specific component.

##### Responsibilities:

- Designed and developed the components and route flow of the live news feed feature.
- Created custom styling via **SASS** and made it responsive via **Material Design Lite's** grid system.
- Created a live stream of recent news articles from various sources by using **RxJS Observables**.
- Implemented custom filter options to control which news feed **API's** the news feed pulls from.
- Used the **Web Storm** Ide for development and **Git** for version control.

#### UI/WEB DEVELOPER, ENABLE IT, NEW YORK, NY – SEPTEMBER 2015 - DECEMBER 2015

Technologies: Angular 2, Angular Bootstrap, TypeScript, Material Design Lite, SASS, HTML5

Created a email interface prototype called Caboose Mail. The goal was to create a simplistic but functional front end email interface with the Angular 2 framework. Uses Angular 2's routing and Component systems to create a lightning fast user experience.

#### Responsibilities:

- Created wireframes for the various views of the interface.
- Implemented an **Angular 2** routing system based on the email category tabs and compose icons.
- Created custom styles and responsive design via **SASS** and **Material Design Lite**.
- Created a custom **Angular 2** service with mock data.
- Used the **Web Storm** Ide and **Git** for version control.
- Made use of **TypeScripts** Promises and strict type control.

#### **WEB DEVELOPER/DESIGNER, OASIS MIND BODY SKIN, REMOTE – MAY 2015 - AUGUST 2015**

Technologies: HTML5, CSS3, Foundation, JavaScript, JQuery, PHP

Created a custom business website for a massage therapy company. Visitors are able to browse the many available services in sleek responsive layout. Visitors can purchase gift certificates, send on page emails, and retrieve other useful information.

#### Responsibilities:

- Created a completely custom website from scratch.
- Implemented an direct contact email form with **JQuery** form validator as well as a back-up custom **PHP** form validator.
- Added custom **CSS3** animations for an elegant landing page.
- Implemented smooth nav link scrolling via **JavaScript** animation.
- Created a very interactive site with the use of the **Foundation** framework.
- Site is fully responsive on all devices by using custom **media queries** and the **Foundation** grid system.

#### **FULL STACK DEVELOPER, NEW YORK, NY – DECEMBER 2014 - MAY 2015**

Technologies: Ruby on Rails, Angular JS, HTML5, CSS3, Bootstrap, Bcrypt, Heroku, Amazon S3, Postgres, Trello

Barter is a social networking site where users can go to trade talents with one another. Barter is built with a RoR backend with an Angular JS front end. Users can create an account/profile, create a custom schedule, rate other users, search for ideal trades, and host small custom videos to demonstrate their talents. All communication is done via built in Rails email system.

#### Responsibilities:

- Created detailed wireframes for landing page and user profile page.
- Seeded project sprints board from user stories, using **Trello**.
- Followed **Agile/Scrum** methodologies and functioned as the Scrum master using **Git** and Github for version control.
- Designed and implemented the **Postgres** relational database schema.
- Implemented email system backed by the **Mailgun** service that notifies users of account changes and trade propositions from other users.

- Created a rating system that allows users to rate other users if they have traded talents.
- Designed and implemented a top users board based on highest user ratings.
- Imported the **Gravatar** api to import users pictures onto their profiles.
- Used **Angular JS**'s filter system to create a search bar feature, allowing users to search for specific talents.
- Implemented an expandable categories catalogue on landing page for users to peruse other user profiles based on talent categories, using **Bootstrap**.
- Launched on **Heroku** web services.

#### FULL STACK DEVELOPER, DEV BOOTCAMP, NEW YORK, NY – AUGUST 2014 - NOVEMBER 2014

Technologies: Ruby on Rails, JQuery, Bootstrap, AJAX, HTML, CSS, Postgres, Bcrypt, Heroku

Recipe Book is a Restful Api/CMS web application for sharing recipes online. The app has a completely custom design with a simple and rustic theme. User's can create an account and start sharing recipes, or simply visit the site and peruse recipes.

#### Responsibilities:

- Designed and implemented the **Postgres** database schema.
- Instantiated the **Ruby on Rails MVC** framework for the app, creating the models, controllers, views, routes etc.
- Created a user login system with **Bcrypt** authentication.
- Implemented an easy to understand and use navigation system with custom styling via **Bootstrap** and **CSS**.
- Used **AJAX** asynchronous calls on the recipe creation page, so users can dynamically add ingredients that don't already exist in the list.
- Launched application on **Heroku** web services.

## Volunteering

#### SPONSORS FOR EDUCATIONAL OPPORTUNITY (SEO)

- Was a judge for a student web application competition.
- Gave constructive feedback to a room of 300 students.

#### RAILS BRIDGE

- Events focused on increasing diversity in tech.
- Taught students Ruby on Rails and walked them through building their first web application.

## Education

State University of New York, Albany, NY – B.A. Geography, 2009

- Certificate in Geographic Information Systems(GIS)

CUNY New York City College of Technology, Brooklyn, NY – Computer Information Systems, 2014