

## Robert Basso

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### SUMMARY

Full Stack web developer with experience designing scalable backends via indexing, eager loading, multi-level data validation, database normalization/denormalization, and caching; and responsive frontends via React components, media queries, SCSS variables, and AJAX requests

### TECHNICAL SKILLS

**Languages:** Ruby, Java, JavaScript, TypeScript, jQuery, HTML5, CSS/SCSS

**Databases:** PostgreSQL, MySQL, Elasticsearch, ActiveRecord

**Frameworks:** Rails, React, Angular, Sinatra

**Test Units:** RSpec, MiniTest, Capybara, Jest, Mocha, Enzyme, Factory Bot, Jenkins

**Other:** Git, AWS, Azure, Agile, Docker, Kubernetes, Salesforce, JIRA, REST, GraphQL

### PROFESSIONAL EXPERIENCE

#### **SilverBills, Inc.**

*Costa Mesa, CA*

*Software Engineer*

*March 2022 - May 2023*

- Managed Rails API for bill payment site, adding constraints to prevent double payment, indexes to ensure speed and uniqueness, and custom endpoints for multiple client applications
- Added features such as check voiding, skipping statements, document previews, CRON based autopayment of approved statements, and secondary account login for trusted contacts
- Aided in migrating two legacy Rails applications to Rails 7 with ESBuild
- Enhanced RSpec test unit and aided in adding Jenkins automated testing to CI/CD pipeline

#### **American Medical Ambulance**

*Santa Ana, CA*

*EMT*

*June 2021 – Dec. 2021*

- Assessed and transported patients for conditions including psychiatric issues, dialysis appointments, fall trauma, and motor vehicle collisions

#### **PatientsLikeMe**

*Cambridge, MA*

*Software Engineer*

*Jan. 2018 - Aug. 2020*

- Expanded in house Rails GraphQL newsfeed microservice backed by Elasticsearch, adding features such as highlighted keyword search, “patients like you” friend recommendations, and updated newsfeed logic
- Created Topics data model and associated React web pages for users to discuss different conditions, symptoms, or treatments they might be experiencing
- Added tests for both legacy Rails pages via RSpec/Capybara, and newer React pages via Enzyme/Jest
- Aided in building out React UI for displaying user’s genomic data collected through blood samples

#### **Dollarship**

*Boston, MA*

*Software Engineer*

*May 2017 – Sept. 2017*

- Added backend objects to Rails API, from database to model, with multilevel data validation, indexes for speed & uniqueness, and polymorphism when multiple use cases were required

#### **Cannonball Email**

*Boston, MA*

*Software Engineer*

*Sept 2015 – Mar. 2017*

- Designed responsive front end with infinite scrolling, recommended content, and keyword filtering
- Created API with RESTful architecture to persist user data and cache IDs of daily recommended articles

### EDUCATION

#### **Northeastern University**

*Boston, MA*

B.S. Mathematics

*Sept. 2009 - June 2014*

Minor Computer Science