

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