

KYLE REGO

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Raynham, MA 02767

EXPERIENCE

Impero Software

Software Engineer

June 2022 - Present

Remote

- Maintaining a large Ruby on Rails monolith and services.
- Discovered the cause of and fixed an insidious bug related to paginated data from an internal web service API that had affected hundreds of customers for years.
- Refactored a daily cron job to decrease the memory increase in one step from 1.8Gb to 500Mb (while fixing an unrelated bug).
- Completed a large part of the work allowing easy configuration of per-school user permissions/settings/feature access schedules from a single dashboard for the entire school district.
- Rapidly developed the back-end service for a merge duplicate student support tool (merging data from 40+ tables) with reflections/introspection of the model associations and business logic.

Symmetry Scribes

Medical Scribe

April 2019 - March 2020

Wareham, MA

- Assisting physicians in the Emergency Department by writing medical notes.

EDUCATION

Rensselaer Polytechnic Institute (RPI)

Bachelor of Science in Physics

Overall GPA: 4.0

August 2015 - December 2018

TECHNICAL SKILLS

Computer languages
Software and tools
Skills

Ruby, SQL, HTML, CSS, JavaScript, RSpec, Capybara, Python
Git, Ruby on Rails, Hotwire, Cucumber, PyQt
Object-oriented programming, Test-driven development
Behavior-driven development

PROJECTS

Anki Record

2023

- Ruby gem providing an API to Anki flashcard deck packages (zipped SQLite databases).

Anki add-ons

2021

- Add-ons for the cross-platform desktop flashcard application Anki developed with Python and PyQt. These add a magnifying glass mouse cursor feature and a tool to easily create cards that together constitute an enumeration.

HONORS

The J. Erik Jonsson Prize

May 2019

Awarded at Commencement to the senior who has achieved the highest academic record in the class.