KYLE REGO

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Raynham, MA 02767

EXPERIENCE

Impero Software   June 2022 - Present
Software Engineer   *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   April 2019 - March 2020
Medical Scribe   *Wareham, MA*

· Assisting physicians in the Emergency Department by writing clinical documentation.

EDUCATION

Rensselaer Polytechnic Institute (RPI)   *August 2015 - December 2018*
Bachelor of Science in Physics
Overall GPA: 4.0

TECHNICAL SKILLS

Computer languages	Ruby, SQL, HTML, CSS, JavaScript, RSpec, Capybara, Python
Software and tools	Git, Ruby on Rails, Hotwire, Cucumber, PyQt
Skills	Object-oriented programming, Test-driven development

PROJECTS

Anki Books/Anki Record   2023

· Anki Books (ankibooks.io) is a note-taking and flashcards Rails application. Anki Record is a Ruby gem providing an API to Anki flashcard deck packages (zipped SQLite databases) developed to be used in the Rails app.
· Wrote hundreds of unit tests and feature tests with RSpec, Cucumber, and Capybara including testing file uploading, reordering flashcards with the HTML drag and drop API, and code syntax highlighting.

HONORS

The J. Erik Jonsson Prize   *May 2019*
Awarded at Commencement to the senior who has achieved the highest academic record in the class.