

KYLE REGO

regoky@outlook.com ◇ <https://kylerego.github.io>

Raynham, MA 02767

EXPERIENCE

Impero Software

June 2022 - Feb 2024

Software Engineer (Ruby on Rails and .NET)

Remote

- Collaborated on three teams developing and maintaining the web side of a classroom management and student wellbeing solution, with a focus on data integrations.
- Started on a support engineering team debugging Rails apps in production, correcting data-related problems with the Rails console, and documenting the issues, before also joining a Rails scrum team.
- Developed new features like a dashboard for managing user groups across the entire district and a merge duplicate student tool that accounted for all the associated data.
- Investigated and fixed data integration problems including a JSON API not sending all the requested data, daily jobs building single objects with over 1 Gb memory, calls to external APIs being made wrong, status codes not being handled, logical bugs in business logic like date handling and data validation.
- Joined a new .NET scrum team for implementing a replacement .NET architecture for the Rails data integrations. Quickly acquired proficiency in .NET, ASP.NET Core, and EF Core and took on a leadership role in the initial development phase of the new system.
- Took charge of implementing large parts of the new architecture including EF Core class libraries, an ASP.NET Core REST API, a console application for scheduling processes, and several complete data integrations. Also developed a file import that handled a zip file with over 20 CSVs, a basic React app to display data from the API, and Azure pipelines to automate deployment, testing, and coverage reporting processes.

EDUCATION

Rensselaer Polytechnic Institute (RPI)

August 2015 - December 2018

Bachelor of Science in Physics

Overall GPA: 4.0

TECHNICAL SKILLS

Computer languages	Ruby, JavaScript, C#, SQL, HTML, CSS
Databases	PostgreSQL, SQLite
Software and tools	Git, Ruby on Rails, .NET, ASP.NET Core, EF Core
Skills	Object-oriented programming, Test-driven development, Software design

PROJECTS

Anki Books/Anki Record

2023

- Anki Books is a note-taking app that can create Anki flashcard deck files (zip files of multiple SQLite databases that import into the flashcard program Anki) using a Ruby gem created for this app (Anki Record).
- Additional experience with Ruby gems, the Rails asset pipeline and import maps, RSpec, Cucumber, Selenium, databases, Turbo, Stimulus, design patterns, modular design, and web development

HONORS

The J. Erik Jonsson Prize

May 2019

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