

# Kyle Rego

**Current role: Loader / Unloader - Hub at UPS and Independent Software Developer**

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## Work Experience

**Loader / Unloader - Hub** - United Postal Service

*Nov 2024 – Current*

- Maintained punctuality and readiness for work each day
- Executed strenuous physical tasks safely
- Ensured safe handling of packages throughout the system

**Software Engineer (Web)** - Impero Software

*June 2022 – Feb 2024*

- Collaborated across two scrum teams doing Ruby on Rails and ASP.NET Core development, in addition to working in a development support team that addressed production issues in a school focused SaaS product
- Designed and implemented a district dashboard feature for seamless user permission and device access schedule management across all schools in the district, optimizing efficiency for district administrators
- Engineered a support tool to merge duplicate student data securely, enhancing user experience by eliminating duplicates

## Education

**Rensselaer Polytechnic Institute** *Bachelor of Science (4.0) Physics*

*2018*

## Snippets

**Anki Books** - [ankibooks.io](https://ankibooks.io)

*Ruby on Rails, Bootstrap, PostgreSQL, SQLite, Linux*

- Developed Anki Record, a Ruby gem that provides an API for creating Anki deck packages (.apkg files), which are ZIP archives containing SQLite databases formatted to Anki's schema
- Engineered a Rails 7 backend to support Anki deck management, integrating with Anki Record to create downloadable .apkg files from the user's Anki Books data
- Designed a comprehensive test suite using RSpec for unit tests and Cucumber/Selenium/Capybara for end-to-end UI testing, ensuring robust and maintainable code

**Larder** - [larder.lol](https://larder.lol)

*React, Bootstrap, ASP.NET Core, EF Core, SQLite, Linux*

- Explored and implemented Controller-Service-Repository architecture in an ASP.NET Core backend and a React/TypeScript frontend to enforce separation of concerns
- Developed unit tests for services and repositories and Selenium UI tests to ensure maintainability and reliability