

Eduardo Poleo

Web Developer & Engineer

WEB PROJECTS

Myflix

A clone of Netflix that allows users to watch videos on demand, add videos to their "+ My List" and follow other users activity. It also features full payment processing and admin capabilities.

- **TDD** with a comprehensive test suite of 180 specs (**Rspec + Capybara**).
- Payment Processing with **Stripe**.
- Mailgun integration (**Mailgun**) and background jobs (**Sidekiq**).
- Images upload with **CarrierWave** to **Amazon S3** servers.

Check-it

A simple and intuitive to-do application that allows users to manage projects and tasks. It provides a responsive UI that makes it easy to keep track of tasks completion and projects progress.

- Dynamic UI elements (**Ajax/jQuery + jQuery UI**).
- Fully responsive display (**Bootstrap 3**).
- User authentication from scratch.

Q-Overflow

A micro clone of Quora that allows users to post question and answers, and upvote/downvote elements.

- Extensive test coverage with over 70 specs (**Rspec + Capybara**).
- Non-trivial model Association.
- Responsive layout out (**Bootstrap 3**).

WORK EXPERIENCE

Research Assistant

Chemical Eng, Dpt, Queen's University, (2011 - 2013)

Developed a novel polymer-based technology that improved degradation rate of contaminants in water by 98% compared to other conventional strategies. This work resulted in two publications in recognized journals:

- J. Hazard. Mater., 254-255: 206-213 (2013)
- J. Chem. Technol. Biotechnol., 89: 88-96 (2014)

Field Supervisor

Sivensa, Caracas, Venezuela (Jun 2010 - Dec 2010)

Oversaw the processing of 130 t/day of scrap metal from supply to delivery and proposed process improvements. Led and coordinated a team of 8 workers and achieved the following :

- Monthly production goals (3200 tons/month) 5 times out of 6 months.
- Improved overall productivity by 10%.
- Perfect record of zero accidents.

SKILLS & SOFTWARE

Core Skills

- ✓ Ruby
- ✓ Ruby on Rails
- ✓ HTML&CSS
- ✓ Git + Github
- ✓ jQuery/Ajax

Feature Integration

- ✓ Amazon S3
- ✓ Mailgun
- ✓ Sidekiq
- ✓ Carrierwave
- ✓ Stripe

Support Skills

- ✓ TDD
- ✓ Command line (Bash)
- ✓ Vim
- ✓ Technical Writing/Blogging

EXTRACURRICULAR

Social activities

- Sport coordinator at CEGSA

Queen's University (2012, 2013)

- Event coordinator at CEIQ

Simon Bolivar University (2008 - 2009)

Hobbies and Interests

Science, technology, boardgames, calisthenics, movies, soccer, chess, blogging.

EDUCATION

Web Development

Tealeaf Academy (Sep 2014 - Present)

M.S. Chemical Engineering

Queen's University (2011-2013)

B.E. Chemical Engineering

Simon Bolivar University (2005-2010)