

# Eduardo Poleo

## Web Developer & Engineer

### WEB PROJECTS

#### Myflix

Myflix 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 over 190 specs (**Rspec** + **Capybara**).
- Payment Processing with **Stripe**.
- Mailers (**Mailgun**) and background jobs (**Sidekiq**).
- Images upload with **CarrierWave** to **Amazon S3** servers.

#### Check-it

An intuitive 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.

#### Qoverflow

A simple but fully tested application 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 (**Bootstrap 3**).

### WORK EXPERIENCE

#### Research Assistant

*Chemical Eng, Dept, 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

#### 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

### Education

#### Web Development

*Tealeaf Academy (2014-present)*

#### M.S. Chemical Engineering

*Queen's University (2011-2013)*

#### B.E. Chemical Engineering

*Simon Bolivar University (2005-2010)*

### 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.