

Eduardo Poleo

Web Developer & Engineer

🌐 WEB PROJECTS

Firecamp

Firecamp is an information management tool where business owners can create groups, invite members and share information.

- **TDD** with over 150 test cases using **Rspec/Capybara**.
- Recurring billing with **Stripe API**.
- Image upload with **Carrierwave** to **Amazon S3**.
- **Ajax** and **JQuery** for enhanced site interaction.
- Complex workflows and model associations.
- Background jobs with **Sidekiq** and **Mailgun** email delivery.

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.

🏢 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 production goals in 5 out of 6 months.

💻 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.