

Filipe A Moreira

Based in Bracknell, UK.
github.com/filipeamoreira

me@filipeamoreira.com
@filipeamoreira

My speciality is to come up with simple and elegant software solutions for difficult problems. I enjoy working as a full stack developer within small and mid-sized teams.

Freelance Experience

K3 Integrations (k3integrations.com)

2013 Sep - Present

In partnership with K3 Integrations I've worked on a wide range of projects. Highlights includes:

Ecommerce platform (Voice of Prophecy)

Completed a full restructure and redevelopment of the current system which included:

- Upgrade old system based on Rails 1 and Spree.
- Integrate new system with UPS api as well credit card payment processor.
- Responsible for cloud deployment on Rackspace.

Technologies: Ruby on Rails, Spree, HTML, CSS, Javascript, MySQL, RSpec.

Employee timesheet management (Adventist Media Center)

I was responsible for a timesheet management system needed for a US corporation with employees in around five different timezones.

- Support for a complex overtime calculation based on the geographic location of the employee.
- Support for correct timezone related time entries on both employee level and management level.
- We delivered the application with full testing suite to increase confidence.

Technologies: Ruby on Rails, HTML, CSS, JavaScript, CoffeeScript, Haml, Sass, MySQL, jQuery, Cucumber.

Advanced CMS system for churches and organisations worldwide (netAdventist)

I was part of a four person team that did an upgrade for this large application from Rails 2 to Rails 3.

- I was responsible for architecting the l18n translation component which included an external application used for text translation.
- The integration included devising an automated way to extract translatable phrases from the codebase to be used within the new system.
- Developed new feature enabling release of beta version to selected version staging servers used for testing.
- Provided continued support and enhancements for the system.

Technologies: Ruby on Rails, HTML, CSS, JavaScript, CoffeeScript, MySQL, jQuery, Prototype, RSpec, Cucumber.

Was part of a two-person team that helped complete a full redesign of the Resolver application. It included new functionality added including the main feature related to PPI claims.

Technologies: Ruby on Rails, HTML, CSS, JavaScript, CoffeeScript, MySQL, jQuery, Sidekik, RSpec, Cucumber.

NAD Education**2012 Jan - 2013 Mar**

Employee management and centralised hub for permissions access (NAD Education). I was the sole responsible for building a web app to manage employee access permissions to other web applications used inside the organisation.

- Devised a simple way to define, extend and check for access permissions within a variety of roles and security levels.

Technologies: Ruby on Rails, HTML, CSS, Haml, JavaScript, CoffeeScript, Sass, MySQL, jQuery, RSpec, Cucumber.

Supertouch (www.supertouch.com)**2009 Sep - Oct 2011**

Developed an intranet application that helped Supertouch sales managers find relevant and useful information more easily. I was the sole developer for this tool.

The intranet has the following modules:

- Sales dashboard – with realtime information on daily sales.
- Customer profile – information on latest orders, credit limits and ability to email customer invoices and delivery notes.
- Buying trends – ability to see buying trends across different time periods helping with buying and marketing decisions.

Technologies: Rails, HTML, CSS, JavaScript, CoffeeScript, MongoDB, jQuery, Redis

Other Experience

- Ecommerce application built with PHP/Magento.
- Educational Maths and English online games targeting primary school children (Rails/JavaScript).
- Corporate website built with PHP/Wordpress.
- Google Adwords ad creation engine built using Ruby (Sinatra, Google Adwords API).
- Math learning tool built using JavaScript (Raphaël.js).

Skills

Open Source I'm a long time user of Open Source software and a small time contributor as well. See github.com/filipeamoreira for more details.

Programming Languages Ruby, JavaScript, PHP, HTML/CSS, SQL

Basic knowledge of C, Java, Python, Bash, Clojure, Emacs Lisp

Frameworks	Ruby on Rails , Sinatra, Wordpress, Spree, Magento
Platforms/OS	Linux , OS X , Windows
Servers	Nginx , Apache
Cloud Computing	AWS , Heroku , Google Computing, Docker, Chef, Puppet, Capistrano
Libraries/APIs	jQuery , Backbone.js, Raphaël.js, CoffeeScript, React
Storage	MySQL , PostgreSQL , Redis , MongoDB
Tools	Git , Emacs
Paradigms	Test-driven development (TDD), Agile software development

Education

2016-	MA Theology ; Newbold College (Bracknell, UK)
2012-2016	BA (Hons), Theology ; Newbold College (Bracknell, UK)
2006-2008	FP: Desarrollo de Aplicaciones Informáticas (Software development); IES El Lago, Madrid (Spain)

Extra information

- Human Languages:
 - Portuguese (mother tongue)
 - Spanish (fluent)