

# Filipe A Moreira

Based in Bracknell, UK.  
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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 versions of the application to selected staging servers which were used for general 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](https://github.com/filipeamoreira) for more details.

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

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

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

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## Education

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

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## Extra information

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