

Keith McDonnell

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Ruby developer, BetButler.co.uk, May – September 2013

Bet Butler is a betting brokerage offering real-time odds comparison from 60+ bookmakers and large/complex bet management (mainly for professional & high stakes gamblers). The project was a migration of their C# customer & trading applications to the LVS betting platform, which is a front-end Rails CMS interfacing with a Java API.

On a team of seven I was responsible for front & back-end development and mentoring C# developers.

Technologies: **Ruby, Rails, Javascript, CSS, Java**

Quantitative trader, October 2012 – April 2013

Machine learning trading commodity, equity index futures & options. *Technologies:* **Groovy, Python, AFL, Interactive Brokers API**

Ruby developer, Project Manager, bgo.com, April – September 2012

BGO offers bingo, casino & virtual sports gaming. I delivered a social betting Facebook game for the European football betting market. The app integrates with the Betradar API to process match results & betting odds. Bet placement, match results & friend challenges are rendered in real time using web sockets.

On a team of four I was responsible for development, project management and training .NET developers in Ruby, Rails & TDD. I used a Kanban process to co-ordinate development with the game consultant in San Diego and product owner in Malaga.

Technologies: **Ruby, Rails, WebSockets, Facebook API, Betradar API**

Algorithmic trader, October 2011 – March 2012

Pair arbitrage & rebate trading equity index ETF's. *Technologies:* **Groovy, Java, R, Interactive Brokers API**

Rails developer, LeapAnywhere.com [defunct], March – September 2011

Leap was a startup selling a Corporate Social Responsibility charity volunteering app. On development team of five I was responsible for project management and balancing legacy code maintenance with developing a greenfield application. I initiated a Customer Development (aka Lean startup) process across the company. This involved visiting customers to elicit & validate features and managing the development cycle with Kanban. *Technologies:* **Ruby, Rails, Redis**

Rails developer, PhlexShop.co.uk, October 2010 – February 2011

PhlexShop is an eCommerce platform company handling online sales of £18 million annually. I was initially responsible for creating an online shop for a new client in time for Christmas. This required creating skeleton app from existing platform code, migrating data from the legacy site, new site design, testing & training the client. I was subsequently responsible for bug fixing, cross browser (ie 6+) testing and refactoring on a team of three developers. *Technologies:* **Ruby, Rails, Javascript, CSS**

Ruby developer, ClashMedia.com [defunct], March – May 2010

Clash Media was a direct marketing and online lead generation company. I was responsible for migrating the lead generation network from ASP .Net to a Sinatra services architecture for email capture, validation, delivery and business reporting. I also trained & mentored a team of six .Net developers in Ruby / Rails & test driven development by pair programming.

Technologies: **Ruby, Rails, Sequel, Sinatra, mySQL**

Rails developer, Scrum Master, WhiteLabelDating.com, May 2009 – February 2010

WhiteLabelDating.com is the leading white label dating service provider with 1.5 million members in five countries. On a development team of 11, I was responsible for project management (as Scrum master), mentoring/training junior developers, back & front end development and code review. My team delivered two key applications:

- Partner portal providing metrics and business intelligence (e.g. conversion rates from Adwords) for all partner dating sites.
- Newsletter application to create html emails; target demographic from 1.5 million member profiles; schedule email delivery; track open, bounce, link click rates.

Technologies: **Ruby, Rails, Sphinx, mySQL, Prototype Javascript, Cucumber**

Rails developer, Scrum Master, CareerMee.com, August 2008 – April 2009

Careermee is an executive recruitment startup with 40+ Fortune 500 customers and 1000+ MBA graduates & alumni signed up. On a team of five, I was responsible for Rails development, project management as Scrum master, QA (code review, usability testing, bug fixing) and maintaining Linux production servers. *Technologies:* **Ruby, Rails, jQuery, Sphinx, PostgreSQL**

Rails developer, Plazes.com, December 2007 – July 2008

Plazes is a web geo location service with over 27,000 active users worldwide. As a backend developer on team of 12, I was responsible for code review, testing, QA & bug fixing of the legacy code base. I created the authorization system, location search engine and 3rd party (eg Twitter, FireEagle) API integration. *Technologies:* **Ruby, Rails, Rspec, jQuery, PostgreSQL/GIS, Tsearch**

Rails developer, Mildendo Systems, October 2007 – November 2007

I delivered a creditors & debtors control application for a financial software startup. *Technologies:* **Ruby, Rails, Javascript**

Instructor, Dorset College, Dublin, June 2006 – September 2007

I devised & taught CIW eCommerce courses to classes of 15 students. The syllabus included Rails, usability & project management.

Software developer, Revenue Commissioners, May – October 2005

At Ireland's tax & customs authority, I worked on the tax management application used by 7000+ officials. On a team of six developers, I was responsible for developing performance tests for SQL embedded in COBOL, Java & Unix batch jobs and fixing non performant code.

Technologies: **Java, COBOL, SQL, CVS, Bash, Ingres, Solaris**

Localisation developer, Symantec, May – October 2003

On the Norton Internet Security localisation team of six developers, I was responsible for QA & bug fixing. *Technologies:* **C++, Windows**

Localisation developer, Clockworks, January 1999 – September 2002

On the Lotus Notes, Quickr & Sametime, localisation teams, I was responsible for QA & bug fixing. *Technologies:* **C++, Windows, UNIX**

Education

Bsc. Computer Science, Dublin City University, 2002 – 2006

Syllabus included Mathematics, Algorithms, Object oriented design & Java. My final year project was an RSS Search Engine using Rails, Java & Lucene. Also, I was awarded a Microsoft research scholarship 2004.

City & Guilds Software Diploma, FAS Finglas, May – December 1998

Syllabus included C++, Visual Basic, Prolog, Unix & software testing.