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Experience

July 2013 – Present

*Senior Ruby on Rails Developer (contract),
Econsultancy, <http://econsultancy.com>*

- web development with Ruby/Rails and JavaScript/jQuery
- MySQL and Redis databases, memcached and sphinx
- Test and Behaviour Driven Development using RSpec and Cucumber

April 2013 – July 2013

*Software Engineer (contract), Global Personal
<http://globalpersonal.co.uk/>*

- web development with Ruby/Rails/Sinatra and JavaScript/CoffeeScript/jQuery
- MySQL and Redis databases, RabbitMQ messaging
- Test Driven Development (TDD) using RSpec and Test::Unit

August 2012 – February 2013

*Developer (contract), MyDrive Solutions
<http://mydrivesolutions.com/>*

- web and API development with Ruby, Rails and Sinatra
- Postgres, MongoDB and Redis databases
- Test and Behaviour Driven Development using RSpec, Cucumber and Steak
- CocoaTouch and Objective-C development for iOS app, testing with OCMock and OCMock
- introduced Continuous Integration (CI) of Android and iOS apps using Jenkins

September 2011 – July 2012

*Developer (contract), Converser
<http://converser.io/>*

- web and API development with Ruby, Rails and Sinatra
- MongoDB and Redis non-relational databases (NoSQL)
- Test Driven Development (TDD) using RSpec and Test::Unit

January 2011 – September 2011

*Developer (contract), iQ Content
<http://iqcontent.com/>*

- business intelligence development on top of Google Analytics
- Ruby, Rails, MySQL and JavaScript/jQuery/Highcharts
- testing with RSpec and some statistical analysis with R

November 2010 – January 2011

*Developer (contract), Crafty Devil
<http://craftydevil.co.uk/>*

- web development with PHP/CodeIgniter, JavaScript/jQuery and MySQL

April 2010 - October 2010

*Developer (contract), BT
<http://bt.com/>*

- application development in a touch-screen mobile environment with embedded JavaScript
- SpiderMonkey interpreter, SQLite, exposed systems-level functionality with C plugins

*June 2009 - February 2010**Developer, Rehab Studio
<http://rehabstudio.com/>*

- web development with PHP/CakePHP, JavaScript/jQuery and MySQL
- administration of Redhat and Debian servers using dedicated hardware and Amazon Web Services
- task automation with Bash, Perl and Ruby scripts

*June 2008 - March 2009**Web/Application Developer, Creative Online Media
<http://creativeonlinemedia.com/>*

- web development using C#/.Net, ASP/VBScript and PHP/CakePHP
- task automation with Ruby
- MS SQL Server 2005 & MySQL databases
- considerable JavaScript using jQuery, Prototype and MooTools frameworks

*August 2007 - June 2008**Programmer Analyst, Citi
<http://www.citi.com/>*

- operational support to various real-time, high volume, distributed messaging systems
- working knowledge of TIBCO TIC, EMS, RV and RVRD, Sybase ASE and BEA WebLogic
- centralised job scheduling and process monitoring on Solaris and RedHat Enterprise Linux

*February 2007 - August 2007**Developer, Mac-Sys Ltd
<http://mac-sys.co.uk/>*

- developed a custom business process management system
- PHP/CakePHP, MySQL and JavaScript/Prototype

*October 2004 - February 2007**IT Technician, Volunteer Development Agency
<http://www.volunteering-ni.org/>*

- custom desktop applications using C#/.Net/WinForms and SQL Server 2005
- web/intranet applications using ASP/VBScript, VisualBasic/.Net and SQL Server 2000/2003
- managed a Windows Server 2003 domain and supported Windows 98/2000/XP clients

Education*1998 – 2004 BSc Computer Science, Queen's University of Belfast**Awarded First Class Honours**Dissertation Title: "An Object-Based Approach to Dialogue Modelling"**1996 – 1998 A-Level, Portora Royal School, Enniskillen*

Mathematics	A	Physics	A
A/S Further Mathematics	B	A/S Computers	B

1991 – 1996 GCSE, Portora Royal School, Enniskillen

Physics	A*	Mathematics	A	English	B
Chemistry	A	French	A*	Geography	A
Biology	A	German	A	Art	B