# Douglas Waugh - Senior C# .NET Developer

07863546306, douglas@iheartweb.co.uk, 171 Stapleton Hall Road, London, N4 4QS

I always strive to produce work of the highest quality. My current development style includes test driving OO programs in C# using tools such as NUnit, Resharper, Git and ASP.NET MVC 3. I'm constantly learning and improving, and helping others to learn and improve.

## Work Experience

### Energyhelpline (Jan 2012 – Present)

Help team to move towards a more OO style of programming. Lead effort to dramatically increase the number of unit tests developers wrote. Improved pair programming and stand-up practices. Gave presentations and workshops on topics of interest to colleagues.

#### Analyst Developer – energyhelpline.com

#### RESTful HATEOAS (level 3 on Richardson's maturity model) api exposed over http using Nancy on top of ASP.NET 4.5.Analyst Developer – Energyhelpline Domestic Energy API

### WTG Technologies Ltd, Hammersmith (Nov 2007 – Jan 2012)

I am the evangelist for improving the quality of our coding through adoption of agile and XP practises, believing that our clients deserve the best we can give them. I have been given the role of technical lead on POLKA because senior management feel that I have the passion, knowledge and determination to push through the difficult changes which need to happen if we are to improve.

#### Technical Lead/C# Developer - POLKA (Jul 2011 - Present)

Heavily bespoked EPiServer CMS implementation, written in C# ASP.NET 3.5. Managing two other senior developers, as well as coordinating work between systems, test, and interdev teams whilst liaising with the project manager and the client. I have introduced continuous integration, unit testing, pair programming, and increased deployment automation using Powershell and MSIs. Development is run in short iterations, with a prioritised lean-style backlog list. I was determined to increase the quality of the code and reduce the number of defects by supporting dev team members in improving their unit testing and OO skills. Teaching testers to write automated acceptance tests using Java and Selenium. Currently overseeing incremental architectural refactoring to move towards something approaching MVC using ASP.NET webforms, in order to create a more flexible system that is less coupled to any particular framework of platform.

#### C# Developer - Driver Offender Retraining Scheme (Feb 2011 - Jul 2011)

Bespoke, layered C# ASP.NET 3.5 application database driven with SQL Server 2005. Also provides WCF web services for third parties to interface with. Delivered major version release including extending admin functionality and changes to the eligibility rules engine. Wrote project's first unit tests.

#### C# Developer - POLKA (2010 - Feb 2011)

Part of five person development team delivering major release including rewriting search module based on Lucene indexing engine. Wrote project's first unit tests.

#### Junior C# Developer - Census (2008 - 2010)

Big Tridion implementation for multimillion pound project providing content managed help pages to accompany the UK Census in 2011. Written in C# .NET 2. Part of a two person development team responsible for the server-side coding of the project. Worked from the proof-of-concept days at the beginning of the project right up to the end. Started as support to lead developer and ended up as solely responsible for CMS delivery. Provided training and support for CMS users.

### E3Media Ltd, Bristol (Aug 2006 - Nov 2007)

My first real development job, secured after proving myself during two weeks unpaid work experience.

#### Junior C# Developer (2006 - 2007)

Worked on public facing sites for big multinationals such as Triumph motorcycles, Kia cars, and Orange.

#### Freelance Tester (2006)

Wrote and executed manual test plans. If I knew then what I know now, the vast majority would have been automated.

### Sharkbite Surf Shop, Bristol (Feb 2005 - Oct 2005)

#### Web Developer / Shop Assistant

Designed and built small e-commerce site in HTML/CSS/Classic ASP with PayPal payment gateway whilst teaching myself some of the basics of web development.

## In My Own Time

I'm constantly pushing myself to improve by reading books written by the leading lights of the industry such as Robert Martin, Steve Freeman, and Michael Feathers on subjects ranging from OOAD to DDD to agile principles to BDD; listening to podcasts such as Hanselminutes, and Herding Code; watching screencasts published by Skillsmatter, and InfoQ; attending courses such as Jason Gorman's TDD/OOAD Masterclass Series; attending meetups such as xTC, London .NET User Group; attending community events at venues like Skillsmatter such as the Testers Gathering, and the BDD and Testers exchange; attending Software Craftsmanship and XPDay conferences; and, of course, practicing new coding techniques by building sites for friends including a HTML/CSS/jQuery/C# ASP.NET 3.5 layered application for Cutler and Gross, and hacking on my own projects (currently taking the form of a teach yourself Bridge bidding ASP.NET MVC 3 web app). I'm also in the process of arranging a code retreat based on Conway's Game of Life at Skillsmatter with BDD guru Liz Keogh, and a series of screenings of Unlce Bob's Clean Coders videos.

I also enjoy a good party, play a bit of tennis, and am interested in becoming the next Warren Buffett.

## Certification

Microsoft Certified Developer MCTS ASP.NET 3.5.

## Education

### MSc Computer Science (2003 - 2004)

University of Bristol

### BA (hons.) Business Administration (1997 - 2000)

Liverpool John Moores

### The Woodroffe School, Lyme Regis (1992 - 1997)

3 A-Levels, 9 GCSEs (A - C)