

**LEWIS BARCLAY**  
**WEB DEVELOPEMENT TEAM LEAD / SENIOR WEB DEVELOPER**

Name: **Lewis Barclay**  
Date of Birth: **November 1975**  
Lives: **South London**

**Owner of a clean, driving license and British 10 year Passport.**

**Education and certifications:**

3 A Levels: Computer Science , Graphical communication, Psychology, 8 GCSEs grades A to C  
MCP certified November 2003;Developing and Implementing Web Applications with Microsoft Visual  
C# .NET and Microsoft Visual Studio.NET (315)

**Key Software and Application Experience (graded from 1 low to 5 high)**

C#(5), XML(5),XSL/T(5),Xpath(5), JavaScript(5), T-SQL (5), SQL server 2000 (5)  
IIS (4), NUnit(3), MS Visual Studio.NET (5), SVN(4), Visual Sourcesafe(4).

**Work Experience: (all contracts unless otherwise stated)**

**January 2008 to August 2008: STEEL ([www.steellondon.com](http://www.steellondon.com)) Senior Web Developer**

Environment: ASP.Net 2.0 (C#), SQL Server 2005, X/HTML, CSS, Javascript/AJAX (EXTJS, Mootools),  
XML, XSLT, OOD, OOP,TDD, Agile, SVN, Sourcesafe, ORM, SCRUM

During this role I worked on a large e-commerce project for IPC media, developing an application that  
would enable IPC to build online shops for each of their magazine publications.

Responsibilities and duties included:

- Application architecture, including the introduction of ORM tools to handle persistence and speed up delivery of the application
- Leading the introduction of technologies and methodologies new to STEEL, including SVN, ORM tools and SCRUM
- Mentoring junior developers
- Development of application code, client side and server side. This included EXTJS and Mootools Javascript frameworks, multi tier development (database, business objects, UI etc) and the integration of payment providers.

**May 2007 to December 2007: Freelance Web Developer ([www.errumm.co.uk](http://www.errumm.co.uk))**

[www.direct-uk.net](http://www.direct-uk.net), [www.fleetwoodmobile.com](http://www.fleetwoodmobile.com), [www.gleasonsboxinggym.co.uk](http://www.gleasonsboxinggym.co.uk),  
[www.errumm.co.uk](http://www.errumm.co.uk), [lipitorv2.errumm.co.uk](http://lipitorv2.errumm.co.uk), [www.shortlist.com](http://www.shortlist.com), [www.freelanceswitch.com](http://www.freelanceswitch.com),  
[www.downwithcarbon.org.uk](http://www.downwithcarbon.org.uk) [www.help-me-park.co.uk](http://www.help-me-park.co.uk)

Environment: ASP.Net 2.0 (C#), SQL Server 2005, XHTML, CSS, Javascript, AJAX, XML, XSLT, OOD, OOP,  
SVN, ORM Tools

I worked on freelance projects for clients and began building up a small freelance business. I attracted  
several agencies and small organisations that wanted development expertise but didn't want to pay  
for a permanent in-house resource.

I concentrated on developing ASP.Net , AJAX, Javascript web sites and applications, with a view to  
working with new media and traditional agencies within the south of England.

**January 2007 to April 2007: Joshua-G2 ([www.joshua-g2.co.uk](http://www.joshua-g2.co.uk)), Senior Web Developer**  
[www.intunegroup.co.uk](http://www.intunegroup.co.uk)

Environment: ASP.Net 2.0 (C#), SQL Server 2005, XHTML, CSS, Javascript, OOP, Sourcesafe

Joshua G2 is large media agency, I worked in the Interactive department.

I was solely responsible for creating the functionality the new intune website. Intune is company supported by Help the Aged selling services and products to s specific demographic group of people. The major requirements for the site were that the content was editable and that all rendered XHTML be accessible to WA1 requirements.

Specific responsibilities included:

- Design and creation of site framework and database as per requirement documents
- Creation and training in small back office CMS system.
- Setup of standard three tier server scheme and creation if deployment process
- Creation of XHTML and CSS and Javascript
- Integration of third party components including postcode lookup and search engine.

**September 2005 to December 2006 : [www.pkr.com](http://www.pkr.com) , Developer**  
[www.pkr.com](http://www.pkr.com)

Admin site secured

Environment: ASP.Net, C#, OOP, OOD, TDD, Agile, dotNet remoteing, Web services, XML, HTML , Javascript, SQL Server, Nant, NDoc, NUnit, SVN

PKR.com is a 3D poker room that went live in May 2006.

Responsible for creating enterprise level public facing website, customer service / poker room manager secure admin site and web services to deliver data to the game client.

Working at PKR requires a good understanding of the Poker room business model as well as an understanding of the technical challenges faced by an online poker room. The hardware environment alone required several blade servers operating in different countries to separate monetary, gambling and web operations.

Specific responsibilities include:

- Design and development of an Affiliate marketing, reporting and tracking system using OOP, OOD and UML techniques (part of the public facing and secure site).
- Unit testing using NUnit and SQLUnit
- Design and development of business objects for use in middle tier of scalable application to support large amounts of user requests and data.
- Design and development of circa 30 web forms for the secure site user interface, utilising server controls as well as built in dot net web controls.
- Development of high traffic transactions through a web interface.
- Development of tools using double entry accounting
- NetTeller, Credit and debit transactions
- Development of database tables, stored procedures across multiple databases

**June 2005 to September 2005: [Freelance]:**

[www.dotmailer.co.uk](http://www.dotmailer.co.uk)

Environment: ASP.Net, C#, ASP, VBScript, SQL Server, XML, AJAX

**Ellipsis Media: [see January 1999 to April 2000]**

Responsible for building an image gallery 'plug-in' for their content management system. I integrated existing ASP front-end with a C# ASP.Net back end application.

I also integrated an external ASP.Net 'form-builder' application with their existing ASP Content management system.

**March 2005 to June 2005: Millfield Partnership. Senior Developer:**

<http://www.millfield-partnership.co.uk/>: B2B, C#, ASP.Net, VB6, COM+, ASP, VBScript, SQL-Server 2000, XML .

Millfield are one of the UK's leading IFAs. My 3 month contract involved working on a legacy application adding ASP.Net features and integrating with an existing COM+ VB6 ASP framework.

**May 2004 to March 2005: C&C Group – Web Development Team Lead:**

<http://www.candc-uk.com/>

Environment: B2B, OOD, OOP, FSDLC, n-tier, C#, VB.Net, ASP.Net, SQL-Server 2000, XML, OLAP. UML, NUnit.

C&C Group are a Consultancy offering services in 4 main sectors; Pharmaceuticals; High tech, Utilities and transportation. Software services are generally bespoke and concentrate on business intelligence and data warehousing.

Having worked at C&C previously, they invited me to come back to work for them on a 'Global pricing' project for Bristol Myers Squibb, a large pharmaceutical company.

My role was to lead the development team implementing Microsoft technologies: C#/ASP.NET, Win Forms, SQL Server 2000.

Responsibilities included:

- Designing software and implementing techniques and best practices.
- Programming and software development.
- Mentoring and knowledge transfer.
- Varying levels of project management.
- Business and data analysis
- Documentation
- R&D of methodologies and practices (i.e. XP, RUP, NUnit, Test driven development)
- Systems, Unit and regression testing.
- Interviewing candidates to join the team.

The project required meetings with the client in Europe, America and Canada to gather requirements and undertake business analysis, which I consider a vital part of the development lifecycle.

**August 2003 to May 2004: Arc Software Consultancy - Senior Developer [Contract]:**

<http://www.arcsoftwareconsultancy.com/default.htm>

Environment: B2B, B2C, FSDLC, OOP, OOD, n-tier, NUnit. C#, XML, XSLT, SQL Server2000, SQL (T-SQL), SQLXML, Oracle9i, HTML, JavaScript, Macromedia Flash MX 2004 Professional. Web services.

URLs: [http://www.100welshheroes.com](http://www.100welshheroes.com;);

<http://www.bbc.co.uk/wales/radiowales/shows/100welshheroes.shtml> ;

Whilst working at Arc I helped the company move from their existing ASP COM+ architecture to ASP.Net. Responsibilities and development included:

- Independently responsible for the development of Wales' biggest online poll (receiving over 80,000 votes in total in two months)
- Independently responsible for a 'media asset delivery and checking system'

As well as independent project work I also a variety of additional projects including:

- transformations and database work for multi-lingual sites
- build of web services for used with a 'real time' shipping and delivery database
- Database connectivity manager which was used throughout project development in an RAD fashion, similar to the Microsoft Data Access Application Block.

**July 2002 to September 2003: Transworld International – Interactive (TWii), Senior Developer**

**[Contract]:**

<http://www.twii.net/>

Environment: B2B, B2C, OO n-tier environment, FSDLC, XML, XSL-T, ASP.Net (VB.NET and C#), ASP, JavaScript, SQL Server 2000, SQL-XML, HTML, XHTML, Windows 2000 Server, Windows 2000.

URLs: <http://network.usta.com>, <http://www.usta.com>, <http://www.manutd.com>, [www.manutd.com/access/](http://www.manutd.com/access/), <http://www.mobixinteractive.com> (plus others)

I started work at TWii on a CMS based project called Microsites:

'Microsites' was an extension to TWii's existing CMS that allowed them to provide their clients with the ability to sell on web sites. The first implementation was for the US Tennis Association. The system worked on a SQL, ASP, XML, XSLT framework to render dynamic HTML dependent on which particular client was being viewed – similar to personalisation / 'skinning' but dynamically changing content dependent on the client's clients! So The USTA became the provider of a CMS system to their clients which they managed using TWii's CMS.

I then spent a month doing some R&D work on several different applications including integrating BizTalk with the European tour web site. Re-engineering the current front-end CMS to utilise XML and XSLT to give a more extensible approach through ASP.

I then moved on to a DRM (Digital Rights Management) Project. The DRM project was a C#, SQL, Flash based application. For this we had to create a generic DRM solution that would support all DRM models (i.e. Subscription, Pay per view) and support different business scenarios and requirements.

To do this, we built several web services so they could be used by other projects. These included a payment, CRM, DRM License Generator, Transaction Audit and Business workflow.

The DRM project started with a 2 week design phase scoping out the project using different techniques, including Use case Modelling. This required time to learn from the Windows Media Rights Manager SDK. We then reverse engineered the ASP sample apps on the Microsoft web site using dot Net, then moved the logic into the dot Net XML web services using the Database schema we designed in the first two weeks. We then created an ASP dot Net app in C# to handle different scenarios and workflow.

**January 2002 to June 2002: C&C Group, Lead Developer. [Contract]:**

<http://www.candc-uk.com/>

Environment: *B2B OO n-tier environment*. Windows 2000, SQL server 2000, Oracle, VB.NET, ASP, ADO, XML, XSLT, HTML 4, XHTML, DHTML, CSS, JavaScript, VBScript, Active X controls.

{Extranet application so no URL provided}

I started work for C&C working on a workflow application for a large utility service company. The application managed the provision of the utility company's services end to end.

The team I led comprised of another senior developer a junior developer and a DBA. I liaised with the Project Manager to ensure that we followed the technical specification whilst attempting to meet tight deadlines. The project used ASP to render the HTML and used ADO to connect to SQL that we linked to a larger Oracle DB. The system also used XML to store session state so that we could load balance the application on 2 or more servers. I also used XSLT in various places to render data from the database for reporting.

**September 2001 to January 2002: Virgin Travelstore, Senior Web Developer. [Contract]**

Environment: B2C *n-tier environment*, Windows 2000, SQL2000, VB6, VSS, COM+, ASP, XML, XSLT, XHTML, DHTML, CSS, IE5+, NN4+, JavaScript, VBScript.

<http://www.virgintravelstore.com>

Initially work at Virgin Travelstore involved developing an ASP VB XML, XSLT engine to that provided late deals their web audience. The VB application pulled a live feed of late deals. The presentation layer built using ASP, transformed XML using XSLT to render HTML and JavaScript, used ASP for the business logic while utilising a VB COM+ component to retrieve and publish the latest data.

After completing the 'lates' project I moved on to a VB XML application that used recursive logic to build a hierarchical structure for holiday resorts throughout the world, allowing a user to select a specific resort and drill down to its local amenities.

The effect of 9/11 meant that the travel industry struggled and my contract was cut short.

**August 2001 to September 2001: BBC Worldwide, Developer. [Contract]**

Environment: (Intranet) Windows 2000, IIS 5, VB, VSS, COM, ASP, SQL server7, Internet Explorer, XML, XSLT, XHTML, CSS, and JavaScript.

The intranet solution I worked on at the BBC was a license recording system. The application used ASP, XML and XSLT to render the presentation layer (rendered in XML and DHTML), which managed and did reporting for the licenses of BBC products throughout the world. The contract was only a month long contract and I was offered a three month extension but had already committed to Virgin Travelstore.

**[December 2000 to July 2001 – travelling in Australia]**

**August 2000 to December 2000: MLHSBC (Merrill Lynch/HSBC), Web Developer. [Contract]**

Environment: *OOP, UML, n-tier environment*. Windows 2000, IIS 5, SQL Server 7.0, VSS, ASP, VB, XML, XSLT, D/HTML JavaScript

MLHSBC is Merrill Lynch and HSBC's joint online banking and investment venture.

I worked in both front end and the middle tier development teams. Alongside another developer I held full responsibility for the market data and research pages. Portfolio trackers, current share values, most changed share values were some of the applications we developed for HSBC's clients. This involved developing approximately 60 dynamic web pages, which were the most viewed pages on the site.

**April 2000 to August 2000: Independent Insurance Company Limited, Web Consultant. [Contract]**

Environment: Windows NT, IIS 4, Microsoft Access, ASP, XML, XSL, D/HTML JavaScript.

[www.student-world.co.uk](http://www.student-world.co.uk) (for Independent Insurance)

I started a contract at IICL to oversee the technical side of their 'student-world' offering.

The web site was in a transitional stage. Having just agreed funding of £5m, I was responsible for implementing their new technical strategy along Ersnt & Young consultants. The major responsibility in this role was the development of the CMS for their public facing website.

**January 1999 to April 2000: Director & Co-founder, Dotmailer (previously Ellipsis-Media).**

[www.dotmailer.co.uk](http://www.dotmailer.co.uk)

Environment: Windows NT, IIS 4, SQL Server 7.0, Microsoft Access, VSS, VB, ASP, XML, XSL, D/HTML JavaScript.

Ellipsis (now Dotmailer) is a digital agency founded by myself and five friends.

My role at Ellipsis included developing applications and websites but also included

- Attending new business meetings, client update meetings,
- Scoping requirements.
- Helping with the strategy of a young independent digital agency

**Prior to 1999**

Development and support consultant for: CGU, Norwich Union, McKinsey and Company.