

David Amour - Web Application Developer

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Availability: Not available

Profile

I am a development contractor and have been building web based applications and websites for the last 11 years using such technologies as Classic Asp, VbScript, VB 6.0, COM, Visual Interdev, Visual Studio, Asp.net, Html, XHTML, CSS, JavaScript, jQuery, C#, Vb.net, Web Services, SOAP, SOA, XML, XSLT, SQL Server, SQL Reporting Services (SSRS), Access, Oracle, OOP, Design Patterns and .Net up to and including version 3.5 & 4.0. I am both a website developer and a true web application developer. I worked mostly on public facing websites from 1999 – 2003 and then for the last 7 years have worked mostly on complex web based applications.

My main .net language of choice is C# but I am also able and comfortable coding in VB.net when that is required by clients.

Prior to developing I used to be an IT trainer teaching adult courses including things like advanced database theory, Excel & VBA, C Programming and Cobol all up to City & Guilds Level III.

When not being paid to code I spend a huge amount of time at home learning and researching new technologies so there are many things I can do which I have yet to use commercially such as MVC and WCF for example.

I also run a small home network with a domain controller, web server, email server and database server where I host websites and email for myself, friends and some local businesses so although I am a developer I am very aware of the big picture and know about things like security, DNS, SMTP, IIS, Firewalls, Routers, SSL and so on.

Also I do some part time teaching and often find myself teaching students things like WinForms programming or even games programming such as retro games like space invaders.

Work History

May 26th 2010 – June 25th 2010 – Foster Care Associates – Contract Data Migration Specialist

This company were migrating many of their legacy systems onto a new ERP system (Agresso). As part of this they needed to migrate a lot of legacy data from many different sources into the new system. I worked as part of a team realizing this goal which we achieved by writing many different migration tools, scripts and programs. I used the following technologies in this project.

- SQL Server 2008, SSIS, SSRS, T-SQL
- Excel 2007
- Visual Studio 2010, .Net Framework 4.0, WinForms applications, C#
- Visual Source Safe

May 4th 2010 – May 11th 2010 – Chemistry Digital (Media Agency) – Contract Web Application Developer

This was a very short contract due to a miscalculation of workload from the client. However in my short time there I completed two projects - one for Dove and one for Velvet Tissues. These projects involved writing a suite of xml based soap web services for use by a flash client. I also did some standard database interface work for Velvet Tissues on their existing website.

- Asp.net with C# - Visual Studio 2008 (.Net Framework 3.5)
- Html, CSS, Xml, Web Services, SOAP
- SQL Server 2000
- SubVersion Source Control

February 1st 2010 – March 31st 2010 - Wolverhampton NHS Primary Care Trust – Contract Web Application Developer

This was a web application development role utilising the technologies listed below. I worked on an Access 2007 database system working in conjunction with an asp.net web application which I also built to record, monitor and analyse child weight data for children attending a weight management programme. As well as building the Access database and asp.net application, I also coded a WinForms application to import data from Access to SQL Server.

- Asp.net with C# - Visual Studio 2008 (.Net Framework 3.5), WinForms
- Html, JavaScript, CSS, Xml, Ajax
- SQL Server 2005
- Access 2007, VBA, Visual Source Safe

September 22nd 2008 – January 29th 2010 - Dudley NHS Primary Care Trust – Contract Web Application Development & Support

This role was both a support and development role working within a range of applications including legacy classic ASP applications, Visual Basic 6 thick client applications with SQL Server 2000 back ends and asp.net applications with SQL Server 2005. There has also been a small amount of C# WinForms work and more recently quite a lot of asp.net 2.0/VS 2008 web application based greenfield project work. The latter involved a large, complex system called VaccTrack for managing swine flu vaccinations along with a similar system for anti virals. I also developed a staff skills database and central absence reporting system.

- Identifying and fixing code vulnerabilities (SQL Injection, XSS etc)
- Classic Asp, Visual Basic 6
- Asp.net with C# - Visual Studio 2005 & 2008(.Net Framework 3.5)
- Html, JavaScript, CSS, Xml, Ajax
- SQL Server 2000 & 2005
- Marval Pursuit
- C# Winforms

March 25th 2008 – September 19th 2008 Capgemini - Contract Asp.net developer (<http://www.uk.capgemini.com>)

I contracted at Capgemini since March 2008 where I worked on a large integrated web based application working on such technologies as asp.net, console apps, windows services, SSRS, ClearCase and Oracle. A summary of the skills and technologies used are as follows.

- Asp.net 1.0, 1.1 and 2.0, Visual Studio 2005 (Framework Version 2.0)
- Asp.net conversion from 1.0 to 2.0
- C#
- HTML, JavaScript, Ajax, CSS
- SQL Server
- Some exposure to Oracle
- Some exposure to IBM Rational ClearCase
- SQL Server Reporting Services 2005

Jan 2nd 2007 – March 21st 2008, E.ON – Contract Asp.net Developer (<http://www.eon.com/>)

I worked at Eon for all of 2007 and a few months in 2008 and was involved in a variety of large and complex projects. All of these were internal business applications – HR & Help Desk applications for example. These were built with asp.net 1.1, SQL Server 2000 and C# as the core skills. I also did some data interface work to support these applications. Lastly I also did some support work on legacy classic ASP applications. Typical skills and technologies used here include:

- Asp.net 1.1 with Visual Studio 2003 + Source Safe
- C#
- Xml
- Creation of xml based word documents using XSLT
- Html, JavaScript, CSS, Ajax
- SQL Server 2000
- Classic ASP

June 19th 2006 – Dec 21st 2006, Gala – Contract Asp.net Developer (<http://www.galabingo.co.uk/>)

The project I worked on here was commercially sensitive so I cannot give any details other than the technologies used which were as follows.

- Asp.net development (C#) Framework Versions 1.1 with Visual Studio 2003
- SQL Server 2000 + Reporting Services 2000
- Heavy use of JavaScript, XmlHttp & Xpath (Ajax)

- Xml Web Services/SOAP + XSLT

March 13th 2006 – April 28th 2006, Styles&Wood – Contract Asp.net Developer (<http://www.stylesandwood.co.uk>)

Worked on the prototype of a complex property project budget system for Tesco (A client of Styles & Wood). This was built using Asp.net 2.0 + Visual Studio 2005, SQL Server 2000 and heavy use of Infragistics Tab and Grid controls.

This contract unfortunately ended early due to sponsorship delays from the end client even though the prototype phase was a technical success.

- Asp.net development (C#) Framework Version 2.0 with Visual Studio 2005
- SQL Server 2000
- Infragistics Web Controls

Oct 3rd 2005 – Feb 24th 2006, Astron – Contract Asp.net Developer (<http://www.astron.co.uk/>)

Asp.net development (C#)

Worked on a complex workflow management application built as an asp.net application with a SQL Server backend.

Skills used:

- HTML, DHTML, XML, XSLT, JavaScript
- Asp.net, C#, Windows Services, User Controls, Web Custom Controls, Reflection & Custom Attributes
- SQL Server 2000
- Dynamic PDF creation & manipulation using Siberix

Apr 26th 2004 – August 2005, ConocoPhillips – Contract Asp & Asp.net Developer (<http://www.conocophillips.com/>)

This long 16 month contract involved 8 months improving and developing an existing extranet asp application used by the customers of ConocoPhillips. The last 8 months were spent converting this large and complex application into an asp.net application.

Skills and technologies used during this role include:

- Asp 3.0, HTML, XHTML, DHTML, VBScript, XML, XSLT, Javascript, SAP Interfaces - eGate
- Asp.net, C#, Windows Forms Apps (WinForms), Web Services, SOAP, Windows Services
- SQL Server 2000, Access
- Dynamic PDF creation & manipulation using ActivePDF

Feb 9th 2004 – April 2004, Chiltern Business Solutions – Contract Asp.net Developer (www.chilternbiz.com)

Chiltern Business Solutions have an existing account management application which they are converting from Classic Asp to Asp.net. They have a permanent member of staff starting in the near future and my role as a contractor was to make a start on the architecture of the application so that the new team member has the basic software plumbing in place ready for when he starts. This contract ended 2nd April 2004.

Skills and technologies used during this role include:

- Asp.net (C#), HTML, XHTML, DHTML, JavaScript, Web Custom Controls
- SQL 2000, T-SQL, Stored Procedures

Nov 2003 – Jan 2004, Freecom.net – Senior Developer (www.freecom.net)

I was employed by Freecom.net to replace a member of staff who left last year. He had been working on an in house CRM system which was close to completion. It was my task to finish off this software as well as document and train staff in its use. As well as this I was involved in smaller ad hoc projects to maintain existing web sites, put proposals together for new ones etc. The person who I replaced actually hated his new job so asked if he could come back which he did. As a result of this the budget was insufficient to justify two people working on the same project so my probationary period was not extended. However Freecom were extremely happy with the quality of my work and are happy to confirm so in writing.

Skills and technologies used at Freecom.net include:

- Asp.net (C#), HTML, XHTML, DHTML, JavaScript, VBScript, Visual Basic 6.0, Com +
- SQL Server 7.0 and 2000
- Advanced CRM Systems
- XML
- Merak Mail Server – customising the API and building an xml web service layer into the API
- PGP – Internal PGP xml web service for encrypting emails for ecommerce and communication with Nominet

Apr 2003 – Nov 2003, Xtranet Solutions Ltd - Senior Developer (www.xtrahosting.net)

Whilst at Xtranet I worked on one main project and many smaller ones. The main project I worked on was Bus2School. This was a project which tracked school buses at a private school using GPS modems. The software was able to know exactly where each bus was and by comparing this position with known timetables in a SQL Server database it was able to determine if buses were running late. This was performed by using the API of Microsoft MapPoint to calculate routes, distances etc. In the event of buses being later than a specified threshold students and parents who had registered for the system could automatically receive text messages telling them their bus was late and when it would be at their stop. The system also used the MapPoint API to generate maps on the fly so that website administrators could easily and visually see where all their buses are, where they had been etc.

Whilst working on this main project I also worked on other smaller projects, existing site maintenance etc.

- Asp & Asp.net (C#), HTML, XHTML, DHTML, JavaScript, VBScript
- SQL Server & Microsoft Access
- GPS Modems and associated protocols
- Microsoft MapPoint API
- XML
- Network Administration
- ECommerce

Oct 2002 – Mar 2003, Eventure Internet Ltd - Senior Developer (www.eventureinternet.com)

During my 7 months at Eventure I undertook the following projects and responsibilities:

I upgraded Eventure's network from a peer to peer simple gateway network to a Windows 2000 domain. I also produced two main resellable web based applications for Eventure. The first of these was a full blown and complex training facility - a generic and reskinable online training presence. It is an enterprise level complete training solution which is modular and can easily be reskinned for customisation for various clients. Currently in use by LWB Refractories and soon to be used by the NHS.

The second of these products is named CMS Lite (Content Management System). This is a one stop all round off the shelf website solution for small businesses. It allows a redesign and reskin of the visual appearance by Eventure after which all the functionality exists within the package for clients to completely manage all their online content using a Microsoft Word like browser based text editor. Pages are created dynamically including specified Meta data along with a dynamically built dhtml menu. Other features include

- Add/Edit/Delete unlimited categories for easy page management
- Upload images and add them to your pages
- Edit/Delete uploaded images
- Useful website logs showing various helpful statistics
- Customisable Tickertape service
- View submitted contact us forms online or download them as a CSV file:
- Newsletter management:
- Giving the ability to add/edit/delete Recipients
- Add/Edit/Delete plain or html newsletters using a Rich Text Editor

I was also involved in training a new fledgling developer in asp.net as well as undergoing further smaller projects including ecommerce builds, smaller bespoke content managed sites and maintenance and improvements to existing applications and sites in both old asp and asp.net with VB.net. and C#.

Skills and technologies used at Eventure include:

- ASP & ASP.net (C#), HTML, XHTML, DHTML, Javascript, VBScript
- SQL Server & Microsoft Access
- Advanced CMS Systems
- XML
- Network Administration
- ECommerce

April 2002 – Oct 2002, Pool.net - Web Developer (www.pool.net)

During my time at Pool.net I worked on a number of smaller projects as part of a team. Most of my work was for the Alliance & Leicester building society who is Pool.net's main client. Projects included cms systems for their website, bespoke MS Access analytical systems, conversion of legacy functionality into xml based web services using VB and Soap Toolkit. I also introduced Pool.net to the benefits of .net and undertook some company wide initiation and training.

Skills and technologies used at Pool.net include:

- Asp & Asp.net (C#), HTML, XHTML, DHTML, JavaScript, VBScript, Com+
- SQL Server & Microsoft Access
- Visual Basic
- Web Services
- XML

Mar 2000 – April 2002, Emnet - Web Developer (www.emnet.co.uk)

- Asp & Asp.net (C#), HTML, XHTML, DHTML, JavaScript, VBScript, PGP
- SQL Server & Microsoft Access
- Visual Basic
- Ecommerce

Jan 2000 – March 2000, Phones4u - Web Developer (www.phones4u.co.uk)

- ASP, HTML, XHTML, DHTML, JavaScript, VBScript
- SQL Server & Microsoft Access
- Visual Basic

Nov 1999 – Jan 2000, Freecom - Web Developer (www.freecom.net)

- Asp, HTML, XHTML, DHTML, JavaScript, VBScript
- SQL Server & Microsoft Access
- Perl
- Intershop

Jun 1999 – Oct 1999, The Internet Advertising Corporation Ltd - Web Developer (www.route56.co.uk)

- Asp, HTML, DHTML, JavaScript, VBScript
- SQL Server & Microsoft Access
- Ecommerce

Mar 1996 – May 1999, European Business & Vocational Training – IT Trainer (www.ebvt.co.uk)

- Authoring & Delivering IT Training Courses Including City & Guilds & NVQs
- Word, Excel, Access, Publisher
- Windows 95 & 98
- HTML
- Visual Basic

Jan 1995 – Feb 1996, Control Training Ltd – IT Trainer

- Authoring & Delivering IT Training Courses Including City & Guilds & NVQs
- Word, Excel, Access
- Windows 95 & 98
- C Programming
- Cobol Programming

1993 – 1995, Rix TV and Video Hospital – Electronics Engineer
1990 – 1992, Hartstone Hosiery – Computer Operator
1983 – 1986, Department of Social Security – Clerical Assistant

Below are links to some of the sites I have worked on over the last few years. Please be aware though that these may have changed or no longer be available since I worked on them.

- <http://www.planet-health.co.uk>
- <http://www.floridahealth.co.uk>
- <http://www.emcat.org.uk>
- <http://www.emtex.org.uk>
- <http://www.doff.co.uk>
- <http://www.keith-hall.co.uk>
- <http://www.money-minder.co.uk>
- <http://www.mmbs.co.uk>
- <http://www.sheda.org.uk>
- <http://www.katmaid.co.uk>
- <http://www.wilsonorganisation.co.uk>
- <http://www.raspberryvillage.co.uk>
- <http://www.eastmidlands.net/>
- <http://www.swarfeqaexperience.co.uk/>
- <http://www.churchills-on-line.com>
- <http://www.emnet.co.uk>
- <http://www.brownejacobson.com>
- <http://www.alliance-leicester.co.uk/>
- <http://www.bus2school.com>
- <http://www.audacs.co.uk>
- <http://www.eventureinternet.com>
- <http://www.dastv.co.uk>
- <http://www.ccph.org.uk>
- <http://www.taylorspoultryservices.co.uk/>
- <http://www.nottinghamshire-probation.co.uk/>
- <http://www.moonpredictions.com/>
- <http://www.golfplan.co.uk/>
- <http://www.thedateshack.co.uk/>
- <http://groundhog.freecom.net/>
- <http://www.katnip.co.uk/>

Educational and Work Related Qualifications

BTEC National Diploma in Computer Studies

Level II City & Guilds 7261 Coding and Programming in C

Level II City & Guilds 7261 Database Concepts

Level II City & Guilds 7261 Cobol Programming

Level III City & Guilds 7261 Word-processing using WordPerfect 5.1

Level III City & Guilds 7261 Coding and Programming in C

NVQ Skills Assessor certificate - City & Guilds modules D32 and D33

NVQ Internal Verifiers certificate - City & Guilds module D34

Adult Education Teacher Training Certificate (City & Guilds 7307 Scheme) - Stage 1

Adult Education Teacher Training Certificate (City & Guilds 7307 Scheme) - Stage 2

Post 16 Certificate in Education

City & Guilds VQ Level I - Word-processing Practices (Microsoft Word)

City & Guilds VQ Level I - Spreadsheet Methods (Microsoft Excel)

City & Guilds VQ Level I - Database Methods (Microsoft Works)

City & Guilds VQ Level I - Desk Top Publishing (Serif Page Plus)

City & Guilds VQ Level II - Word-processing Practices (Microsoft Word)

City & Guilds VQ Level II - Spreadsheet Methods (Microsoft Excel)
City & Guilds VQ Level II - Database Methods (Microsoft Access)
City & Guilds VQ Level III - Word-processing Concepts (Microsoft Word)
City & Guilds VQ Level III - Spreadsheet Methods (Microsoft Excel)
City & Guilds VQ Level III - Database Concepts (Microsoft Access)

8 O Levels

Interests and Activities

I am interested in most aspects of computers, particularly the Internet, programming and learning new applications. I also play chess a fair amount and used to be a county player. I also play squash which I love and play as much as I can.