



## ICS DreamTeam Member No 2410 CV

### Profile:

#### Technical Skills Summary:

Languages: C#, ASP.NET, XML (XSLT\XPath\XSD, XAML), T-SQL, JavaScript & DHTML, XHTML, CSS, VC++

Technologies: .NET 3.5 (inc .NET 2.0 & .NET 1.1), AJAX,

Database Systems: SQL Server 2008, 2005 (inc 6.5 & v2000), extensive SQL Server 2005 Optimisation

Others: XML Web Services, SOAP, WCF, Telerik, JQuery, JSON.

Summary: For a showcase of his skills do go to [www.davidezechukwu.com](http://www.davidezechukwu.com). Site is showcase of his front-end skills written using C#, ASP.NET 3.5, XSLT, XML, DHTML, jQuery and a custom Sitemap Provider which provides it's unique Page Bookmarking functionality. He is currently developing another site ([www.urbanjay.com](http://www.urbanjay.com)) to highlight his server-side skills.

#### Work Experience:

From – To: March 2010

Role Title: ASP.NET 3.5 Developer

Description: Hired to maintain an intranet that the Housing Association uses to access and provide on-going care to its members.

##### Tasks:

- C# ASP.Net 3.5 web development (Bug fixing and updates)
- SQL Server 2005 maintenance and migration to 2008
- SQL Server 2008 Auditing

Customer: Notting Hill Housing Association, Hammersmith

Role Title: ASP.NET 3.5 developer

Description: Hired to develop a promotional micro-site for Cadbury. See [www.carnivalinabox.com](http://www.carnivalinabox.com). The promotion was open to participants aged 16 or over, who were UK residents. It ran from 01/11/2008 to 05/05/2009. Participants usually registered online or via SMS, using the barcode on any of the various Cadbury chocolate bars. Once registered, they were invited by email and/or SMS to play an Adobe Flash Game. Monthly Winners were selected randomly from a list of top scorers and non-winners were automatically entered into the next monthly free prize draw. Managed all aspects of the project right from design to deployment. Site had an accessible version which required no JavaScript or Flash. He was later re-hired to assist in the completion of a website for a new P&O Cruise ship called Azura. See [www.pocruises.com/azura](http://www.pocruises.com/azura).

Customer: Elvis, London

Role Title: ASP.NET 3.5 Developer

Description: Developed a localized micro-site for GAP which accepted registrations for a 2009 GAP discount campaign. Site sent emails to all registered users at the start of the discount campaign

Tasks:

- C# ASP.Net 3.5 web development
- Data, Email and Front-end Localization (in French and English)
- IIS 6.0 Site Administration and hosting (on Rackspace)

Customer: KitKattNohr

From – To: October 2006 – March 2008

Role Title: ASP.NET 2.0 web developer

Description: Worked as part of a team that re-wrote an existing brochure system that is used by Ford Motors, Mazda and Jaguar. Brochure system is a SharePoint-based document management with an ASP.NET 2.0 front -end, a BizTalk-based workflow mid-tier and a SQL server 2005 data layer. Basically the system provided staff both at Burrows, external creative agencies to create or edit brochures and for these brochures to go through certain client -specific approval stages and input. Brochures are stored as XML files and are generally translated to either excel, XHTML, XTD or PDF (using XSL: FO & XSLT) for editing on an ASP.NET 2.0 site, which made use of Telerik third-party web controls and AJAX. He also undertook a Silverlight proof-of-concept.

Tasks:

- C# ASP.NET 2.0 server-side web development using Visual Studio 2005
- Team Suite (Team Foundation Server)
- Document transformation using XSLT (XPath)
- Excel Data Import
- Front-end web development using AJAX, JavaScript, CSS and the Telerik R.A.D control toolset. The overriding design priority here was to minimize server-round trips and do as much as possible on the Client using JavaScript. A Microsoft Windows front-end 'look and feel' for the web front - end was achieved using the Telerik R.A.D control toolset and AJAX
- Communication framework development (with Ford) using WCF
- Silverlight 1.0 (.NET 3.5, XAML, XSLT, JavaScript, DHTML)
- Stored Procedure, Trigger, etc T-SQL scripting (in conjunction with ado.NET)

Customer: Burrows, Essex

From – To: April 2006 – July 2006

Role Title: ASP.NET 2.0 Web Developer

Description: Responsible for developing the front-end to OPP's new Web Service based Content Management System driven multi-lingual psychological profiling site. Site is used mostly by big corporations in the UK, United States, Germany and the Netherlands to provide them with profiles of potential managerial employees. The profiling process (when initiated online by a registered HR employee) sends out emails to potential candidates. Each Email contains the access codes to a particular profiling test, which must then be completed by a candidate. Each corporation has its own personalized view of the site which was achieved by using XSLT for personalized page contents, CSS, JavaScript (DHTML), Ajax, and ASP.NET 2.0 profiles and themes for personalized look. The Site (in accordance with the various national employment laws) also adhered strongly to W3C web accessibility standards.

Tasks:

- C# ASP.NET 2.0 server-side web development
- Document transformation using XSLT (XPath)

Customer: 

- Front-end web development using XHTML, CSS, AJAX and JavaScript

Oxford Psychology Press, Oxford

From – To: January 2006 – March 2006

Role Title: ASP.NET 2.0 Web Developer

Description: Worked as part of a team that re-wrote Ajilon's Timesheet\contract management system. Timesheet system caters for around 55,000 contract workers. Ajilon is the parent company of Computer People, ComputaCenter and Office Angels. Timesheet system made use of Companies House data feeds.

Tasks:

- C# ASP.NET 2.0 server-side web development
- SQL Server 2005 Data Migration (T-SQL)
- Rollout
- Trouble shooting and bug fixing

Customer: Ajilon (Computer People), London

From – To: October 2004 – December 2005

Role Title: ASP.NET 1.1 Web Developer

Description: Hired as part of a Agile (scrum)-team handling the development of a new messaging board service for the BBC's 'Hitchhikers Guide to the Galaxy' website (<http://www.bbc.co.uk/dna/h2g2/classic>) and later as part of the team tasked with the completion of BBC's collective website (see [www.bbc.co.uk/dna/collective](http://www.bbc.co.uk/dna/collective) and [www.bbc.co.uk/dna/h2g2](http://www.bbc.co.uk/dna/h2g2)). Website had 340000 registered users and 18GB data store and was part of the BBC main portal.

Tasks:

- Gradual Migration of server C++ based ISAPI and ADO to ASP.NET and ADO.NET using C#. Postcode parsing, search and link to local authorities civic data (e.g. council name, local MPs) using .NET XML Web Services
- Client-Side (skins) web development using XML and XSL. Most BBC sub-websites support 3 or 4 alternative front-ends (or skins).
- SQL Server Optimization to handle workload increases due to the release of the Film Hitchhikers Guide to the Galaxy
- Site search implementation
- Server-side ISAPI web development
- C# ASP.NET 2.0 server-side web development

Customer: BBC, Broadcast Center, London

From – To: May 2004 – September 2004

Role Title: ASP.NET 1.1 Web Developer

Description: Hired to implement a Network Rail's request that involved the transformation of the desktop-based existing Network Rail's paper-based Sectional Appendix catalogue to an online version, which offered superior content management, versioning and auditing controls using TSO existing enterprise sub-systems. The core activity was modifying TSO's existing Content Management System to cater for Network Rails unique requirements. Development work was done in conjunction with Network-Rail

Tasks:

- C# ASP.NET 2.0 server-side web development
- Development of an Intranet Website for Network Rail which provides Browse, View, Export and Print functionalities of Sectional Appendix catalogue items
- Integration of the above Intranet with TSO's existing Content Management System through the use of XML Web Services

- Development of ATL COM components which were shared between the Windows-based solution and the Web-based solution
- Development of Transformation Controls which converted AutoCAD documents to SVG and Word Documents to XMLFO and eventually to PDF using the Apache FOP
- C++, MFC & ATL ActiveX Component development

Customer: HM Stationary Office, London

From – To: June 2003 – April 2004

Role Title: VC++ Developer

Description: Hired for the maintenance of a broadcasting Application Suite, which provides an end-to-end solution for program scheduling, audience ratings management and planning. Harris Corporation is a prominent provider of sales, traffic, programming and financial systems for the broadcast industry

Tasks:

- MFC, C++, DCOM On-going maintenance work providing expert solutions and advice on Win32 related issues
- Bespoke Application enhancements.
- ADO Data Access Layer migration (from Velocis to SQL Server)

Customer: Harris Corporation, Bedfordshire

From – To: November 2002 – May 2003

Role Title: VC++ Developer

Description: Hired on contract for the enhancement and maintenance of Computer Associates flagship server replication tool, which ensures the un-interrupted provision of enterprise services (data storage, email, virus protection) irrespective of network, hardware or software failures. Computer Associate is ISO96000 Certified

Tasks:

- Reworking of the T-SQL stored procedures, which are executed whenever a protected primary Server running SQL Server, Oracle, DB2 or Ingress DB fails, and needs to be impersonated by a secondary server
- MFC, VC++ Front-end and server-side Application development
- TCP/IP Network programming (DNS, WINS, Sockets) developing remote management, server discovery and server status query utilities
- Very low level (Device Driver) development diagnosing the operational problems encountered with the disk-mirroring sub-system. Done using Numega Driver Studio and Soft-ICE
- The Identification of key areas where operational performance can be improved.
- The Analysis of current operational constraints, and the recommendation of possible improvements.
- Second-Line Support
- Client-Liaising

Customer: Computer Associates, Berkshire

From – To: June 2000 – July 2002

Role Title: Web Developer

Description: Hired on contract for the enhancement and maintenance of an Air-Traffic planning and waypoint routing Application Suite.

Tasks:

- On-going maintenance
- MFC, C++, DCOM, ATL Front-end and server-side Business Logic Layer development
- Full life-cycle TCP/IP development of a remote management tool

Customer: 

- GIS - MapInfo MapX

SITA, Middlesex

From – To: January 2000 – May 2000

Role Title: Developer

Description: Hired on contract to undertake a Proof-Of-Concept. Work involved bespoke development for Abbey National for a CRM solution based on AIT 3R platform.

Tasks:

- Bespoke Application Prototyping
- MFC, C++, ATL, MTS Front-end and server-side Business Logic Layer development

Customer: AIT Group,

From – To: March 1999 – December 1999

Role Title: Developer

Description: Hired on contract to kick-start the development Windows-based derivatives-trading system

Tasks:

- MFC, C++, COM, ATL Development of an Excel-Look Trading system with customizable multi-leg display, customizable columns, multi-column filtering and sorting, visual and audio alerts for market price changes, customizable views, moveable columns and efficient update/auto-refresh mechanism.
- Rogue Wave Front-end Windows development of Charts and Grids

Customer: ECCOWare Trading Systems, London

From – To: January 1998 – March 1999

Role Title: Developer

Description: General Windows Development

Task:

- MFC, C++, COM, ATL Front-end and server-side Business Logic Layer enhancement

Customer: McCann-Eriksson, London

From – To: April 1995 - December 1997

Role Title: Developer

Description: Full life cycle development of Tape Backup Application

- Design and implementation of IBM PC Serial and Parallel Port communication Device drivers using C and Intel X86 Assembler (MASM) with Soft-ICE.
- Undertaking of special projects contracted to Danmere by Sony and Daewoo. For Sony, these included the development of a memory sub-system for the upcoming Sony Interactive Television product. For Daewoo, these included the development of a communication sub-system for Daewoo PC controlled VCR and Television products using Visual C++, MFC, and WinDDK.

Customer: Danmere, Cheshire

#### Education:

1992 – 1995 Kings College London, Information Systems Engineering Grade 2.2  
Advanced Software Engineering  
SSADM  
Communications  
Declarative & Functional Programming  
Operating Systems



Formal Specification  
Human Computer Interaction  
Distributed Systems  
System Verification  
Object-Oriented Analysis & Design  
Project Management  
Database Systems



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