

# LUKE MILLS (MBCS)

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## CURRICULUM VITAE

### Profile

An enthusiastic, committed and self motivated person with experience in both Development and Servers, seeking a challenging role in an IT environment. Keen to widen experience and qualifications

### Key Skills and Achievements

- Ability to develop materials based upon needs. I have developed software systems identifying needs and fitting the specification to those needs with excellent results.
- Good organisational and time management skills - an essential element of both the work place and throughout education where self-reliance is a key factor.
- The ability to design and implement software from start to finish using such methodologies as the waterfall and spiral models.
- Systems analysis skills, the ability to take a specification and design and implement software for clients using UML, Database Models and Data Flow Diagrams, Entity Relationship Diagrams.
- Innovative thinker as demonstrated in the invention of a new style video recorder that has received some interest from the commercial sector.
- Good team player having co-ordinated group and team projects with contractors and obtaining good results for all team members.
- Knowledge of development on Linux and Unix Platforms as well as Windows Platforms.
- Experience of a wide variety of Operating Systems and programming languages in both stand alone and networking situations.
- Experience of configuring and installing Servers and Software
- **Member of the British Computer Society.**
- **Was a central part of getting Microsoft GOLD partnership**
- **Current studying for MSc Computer Science at Wolverhampton University (2A's so far)**
- **Currently studying for Microsoft Certified Solution Developer**

### Computing Languages Used

C#
Managed C++
C++ / C
ASP.NET (C#/VB)
VB.NET
Pascal/Delphi
HTML
PERL / CGI Scripting
Unix / Dos Scripting
JavaScript / VBScript
PHP
T-SQL
Visual Basic (versions 3/4/5/6/2002/2003)

### Operating Systems Used

DOS	Linux
Windows (3.11 – 7)	Novell Netware
Solaris	

## Packages Used

MS Office(versions 4.1/95/97/2000/XP/2003/2007)	XEMACS (version 21.0/0b67)
Developers Studio / Visual Studio .NET	MapInfo
MapXtreme	
MapX	

## Employment History

<p><b>Jan 2008 - Present</b></p> <p><b>Bridgnorth Aluminium Ltd.</b> Bridgnorth</p>	<p>Working as part of the development and IT team looking after business critical systems around the plant.</p> <p>Assisted in the design and implementation of the migration from SQL 2000 to SQL 2005 including consolidating 5 servers in to a single high performance server.</p> <p>These tasks included planning application migration / Stored Procedure migration, testing of database load mapping future access times. The whole implementation took 4 hours</p> <p>Development of a computerised cast house application to allow an audit history of materials used an produced.</p> <p>Assistance and implementation in Virtualisation project and Application moved to Thin Client architecture.</p>
<p><b>Nov 2007 - Dec 2007</b></p> <p><b>Premier Software Ltd</b></p>	<p>Working as part of the development team working on an ongoing software package for the cosmetics industry.</p> <p>Development using .NET c# and Microsoft SQL Server.</p>
<p><b>Mar 2004 - Nov 2007</b></p> <p><b>Mott MacDonald</b> Newhall Street Birmingham</p>	<p>Working as part of a team on a Department for Transport contract, developing SQL queries and applications to manage and distribute the data to the DfT.</p> <p>Primary technical contact and developer for CJAMS applications</p> <p>Also a development of a web based (ASP.NET) and web services application that enables Local Authorities to connect to the DfT data easily and to illustrate the data as tables as well as on maps. for the purpose of congestion analysis Languages used C#, C++, VB.NET, T-SQL.</p> <p>Lead the design for a Grid Computing application to allow some of the lengthy processing applications to be distributed amongst multiple PC's.</p> <p>Taken part in delivering technical presentations</p>
<p><b>May 2002 - Mar 2004</b></p> <p><b>Walsall College of Arts and Technology.</b> Walsall</p>	<p>Working as part of the IT Team I designed and implemented a booking on system and banning system to assist the staff in both the Helpdesk and Library in their daily tasks. The college are now taking the software college wide. In addition I have also developed an online ASP job booking and tracking system to assist hardware technicians and staff. Languages used C++, VB</p>
<p><b>Sep 2000 - Apr 2002</b></p> <p><b>Net-4-Mation Ltd.</b> Willenhall</p>	<p>Contract programming for various clients using C++/ C Visual Basic C#, also further redevelopments of the School Report Generator. Other tasks included creating a company web page using Fireworks and Dreamweaver. Other tools incorporated were CGI Scripting, VBScript and Java Script. Negotiating contracts on behalf of the company and demonstrating finished work. Sample Code can be supplied from the various projects. Languages used C++, VB, C#, VB.NET</p>

<p><b>Nov 2000 – Feb 2001</b></p> <p><b>Access All Areas</b> Team Valley Trading Estate Gateshead</p>	<p>Software Engineer, in Visual C++. Throughout this job I have been given tasks to work on from Game Programming to Media Programming. To date all tasks have been completed to the best of my ability and to the satisfaction of the company. The final product was to be released by them during the middle of January 2001. C++, VB.NET</p>
<p><b>Jul 2000 – Sep 2000</b></p> <p><b>TIS Software</b> Farrington Road, London</p>	<p>Graduate Programmer in C / C++ and SQL. Throughout this job I was exposed to working on a project that was challenging. I was asked to perform many tasks that were sometimes new to the company, such as Euro Conversions on SQL databases using C/ C++ on Linux, Unix and Windows Systems. Circumstances meant that I had to move from London back to the North East</p>
<p><b>Sep 1999 – Jun 2000</b></p> <p><b>Project Work Delce infants</b> School Chatham, Kent</p>	<p>Programming a simple yet powerful package for a school in the South East to make School Report writing a simple and easy task. I created a semi intelligent model for quick production of reports. This package was developed in Visual Basic 5 and has recently being redeveloped for a number of schools in the North East of England and the West Midlands.</p>
<p><b>Aug 1998-Sep 1998</b></p> <p><b>Primary Management</b> Yorkshire Barracks York.</p>	<p><b>Working as an assistant in the kitchen following the directions of the chef in the armed forces on a private contract. Duties included food preparation and serving, cooking and cleaning. I was asked to manage the kitchens on occasion, which meant co-ordinating staff, an experience that I enjoyed tremendously.</b></p>
<p><b>Jun 1997-Sep 1997</b></p> <p><b>ORBIK Electronics.</b> Aldridge, Walsall West Mids.</p>	<p>Working on the production line soldering and testing boards for consumer use. This was a valuable experience allowing me to work as part of a team at a young age.</p>
<p><b>Mar 1997</b></p> <p><b>Work Experience at National Westminster Bank,</b> Kings Cross Road, London</p>	<p>During my time at the National Westminster bank, I learnt how banks operated, experiencing the use of ATM operations, sitting in on business meetings, and working in co-operation with bank staff on the IT help desk. Although only there for a short while I was asked to build a database for internal use, which is still being used. I was also set the task of creating a questionnaire, which is still being used today. I feel that this helped me to identify and solve problems.</p>
<p><b>Jan 1996- May 1996</b></p> <p><b>Staybrite Windows,</b> Lichfield.</p>	<p>Working as part of a team canvassing private house owners on a cold call basis. During this time I developed flexible approaches to dealing with potential customers. I believe I learnt how to deal with people from a variety of socio-economic groups during this period.</p>

## Education

2009 - Present	University of Wolverhampton	MSc Computer Science
1997-2000	University of Sunderland	<i>BSc Computing</i>
1995-1997	Walsall College of Arts and Technology	BTEC National Diploma In Computer Studies
1990-1995	Aldridge GM School	<i>GCSE's including: English language Mathematics Science (dual award) Music</i>

## Interests

Travelling, walking, camping, reading and music (both listening and performing)
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## Referees

1 work based 1 university based 1 college based
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