
Software Development

Expertise Software development experience using languages such as C/C++, C#, VB.NET and technologies such as MFC, OpenGL, SQL Server and ASP.NET on a Windows platform

Education B.A. (Physics), 2.1, 1986, Oxford University, UK

Professional Experience

2007 - Present	<i>Itasca Consulting Ltd, Shrewsbury, UK</i> <i>Senior Software Developer</i>
2003-2007	<i>OmegaIP Ltd, Oswestry, UK</i> <i>Senior Software Developer</i>
2000 -2001	<i>Aeco Ltd, Welshpool, UK</i> <i>Software Engineer</i>
1999-2000	<i>AAH plc, Coventry, UK</i> <i>Analyst/Programmer</i>
1986-1998	<i>GEC Electrical Projects Ltd, Rugby, UK</i> <i>Software Engineer</i>

Project Experience

Development: Extensive work on enhancing the InSite software, an integrated tool for microseismic acquisition, processing, data management and visualization. Enhanced data acquisition systems used with the company's laboratory test equipment. Worked with Visual Studio, C++, MFC, OpenGL and TCP/IP sockets. Used an Agile software development approach.

In previous employment roles, developed a web front-end using ASP.NET for managing data held in an SQL Server database; worked on an IP telephony-based system using VB.NET/C#, OpenH323, ATL/COM; developed multi-threaded PC-based applications using OS/2, Win32 API, DOS, C/C++ in retail, engineering and automation environments; worked on embedded software using the Intel language PL/M and performed network programming using TCP/IP sockets to communicate with PLCs.