

Rohan Cragg

Profile Highly self-motivated with strong business awareness and focused on delivering value early and often; Rohan is an effective team player who can draw upon a broad experience of both software engineering and IT. While having a passion for quality and excellent attention to detail, Rohan is adept at balancing trade-offs to deliver a working solution to a deadline.

Skills **Technical**

* - those marked with an asterisk are skills that I rarely use now

- .NET Framework 3.5 (since version 1.0) - 6 years
 - ASP.NET & Microsoft AJAX
 - ADO.NET, Object-Relational Mapping (NHibernate)
 - Windows Forms Applications & Windows Services
 - WCF / XML Web Services in .NET
 - Visual Studio 2008
 - Currently working in C# but also previously fluent in VB.NET
- Relational Databases – 7 years
 - Microsoft SQL Server & ORACLE
 - Microsoft Reporting Services – installation, report generation and deployment
 - Microsoft DTS –systems integration
- Object-Oriented analysis and design (e.g.Design Patterns, Enterprise Library, CSLA)
- Internet Information Server (IIS)– deploying and configuring web applications
- Microsoft SharePoint 2003 Products and Technologies - 18 Months
 - Installation, administration and development
- Windows Desktop and Windows Server 2000 / 2003 – general systems administration
- VB6 – 6 months, Classic ASP 1 year
- HTML / CSS / JavaScript – 7 years
- Crystal Reports – 3-4 years
 - Report authoring (versions 8.5 and 9)
 - Deployment of reports within both WinForms and web (.NET) applications
- Microsoft Office development – 4-5 years
 - VSTO applications for Word and Excel
 - FrontPage 2000 and 2003
 - Access 97/2000 - database design, forms, and reports
 - VBA and Word/Excel Macros
- Software Configuration Management (Perforce, SourceGear Vault, Subversion)
- Microsoft Office (including PowerPoint) – 10+ years
- Various statistical analysis packages* – 6+ years

Business

- Presentation skills, technical documentation and report writing, research and evaluation of 3rd party IT systems and components, user training, project managing.

General

- Full clean UK driver's licence

Career Highlights

Training / Certification:

- Intensive Object-Oriented Programming in .NET / .NET Patterns & Best Practices (U2U Belgium)
- Developing and implementing web applications with Microsoft Visual C#.NET and Visual Studio.NET (MCP Certification - Exam 070-315)
- Building Solutions for Microsoft SharePoint 2003 Products and Technologies (U2U Belgium)
- .NET Application Development Certified Professional (Learning Tree)
- VB.NET Programming Certified Professional (Learning Tree)

Presentations / conferences attended:

- TechEd EMEA 2008
- Regular attendance at Microsoft and developer community talks

Employment History

Senior Software Engineer	Weatherford EPS, Edinburgh	Nov 2006 - Present
Web Developer	MDC Learning Systems, Edinburgh	Apr 2005 – Sept 2006
Systems Developer	Turcan Connell, Edinburgh	Aug 2001 – Apr 2005

Database Developer Lindsays WS, Edinburgh Aug 2000 - Aug 2001

At Weatherford I am a key member of a product team carrying out on-going analysis, development, and support of market-leading oil-field production optimization software for international clients. This product leverages .NET and COM components to achieve automation of mathematical modeling applications and aggregation of data from real-time SCADA systems and relational data silos. I have been pro-active in ensuring continual improvement of the code-base and in advocating and establishing improvements to software development practice and roll-out of numerous successful technology upgrades. I have also been instrumental in the transfer of knowledge and best-practice to new team members.

At MDC I was responsible for bespoke development of hosted, data-driven web sites; working directly and continuously with the client to elaborate the requirements specifications. Projects included a resource scheduling application, a business planning tool, and an e-learning management system.

I research my area of expertise continuously and extensively and in all of my projects I endeavour to apply and disseminate principles and practices such as encapsulation, separation of concerns, automated testing and continuous integration in order to create robust and maintainable software.

In my role at Turcan Connell I was responsible for IT systems development; identifying and implementing in-house development and overseeing 3rd-party software implementations from initial analysis and specification through to final delivery and deployment. I delivered significant value to the business through various systems-integration and business intelligence initiatives.

In a similar role at Lindsays WS, an early content management website I produced for the firm received second place in an independent review of best legal firms' websites in Scotland.

I have also worked as a Molecular Biologist for a pharmaceutical company where systematic problem solving and attention to detail were qualities I have carried with me from very early in my working life. I have particular pride in my ability to communicate complex technical details clearly and concisely in a language and style that is tailored to my audience. I am often required to attend client meetings and give presentations where this skill proves to be particularly useful.

Education

Master of Research - Science of the Environment	University of Lancaster	1997
BSc – Zoology (Upper Second Class Honours)	University of Bristol	1995

My science background exposed me to an environment where I needed to perform experimental design, empirical enquiry, statistical analysis, and to write reports and papers on my research (one of which has been published in a peer-reviewed scientific publication). I have also presented my work at an international scientific conference.