

Curriculum Vitae

Christopher S. Lacey

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Date of Birth: 28th March 1979 Citizenship: British

Qualifications & Affiliations

Degree: MEng (1st class Hons) Electronic Systems Engineering with Management Studies

A Levels: Mathematics, A Biology, A Chemistry, B General Studies, A

GCSE: 6 A*'s (Maths, Technology, Chemistry, Physics, French, Geography)

4 A's (English, English Literature, Biology, Sociology)

1 B (History)

Accreditations: Microsoft Certified Application Developer (in both Web and Windows development)

MCP Exams: Developing XML Web Services & Server Components with C# and .NET Framework
Developing and Implementing Windows-based Apps with C# and Visual Studio
Developing and Implementing Web Applications with C# and Visual Studio
Designing and Implementing Databases with SQL Server Enterprise

Certifications: Harvard Business School Management Essentials, and Leadership Essentials
Registered PRINCE2 (Project Management) Practitioner

Memberships: Member of the British Computer Society
Associate Member of the Institution of Electrical Engineers

Employment

ICT Consultant, Gilbert Agricultural and Rural Development Center
Mercers Creek, Antigua, West Indies
January 2011 – present

- Drafting and submission of proposals to USAID and EuropeAid for IT-related projects in the Caribbean, including budgets, logical frameworks and operating plans.
- Subsequent project management of a two-year \$5m USD project in Antigua, St Lucia and Grenada, involving all communication with donor and responsibility for all outputs.
- Line management of 3 permanent project staff and 23 contractors.
- Requirements capture and development of web-based monitoring and evaluation system, and trainee performance and communication portal, for use across the Caribbean (*C#, ASP.NET MVC 4, HTML 5, jQuery, LINQ, T-SQL, Entity Framework*)
- Migration to *Windows Azure* to scale up application for use by other USAID-funded projects worldwide.
- Performance optimisation of real-time communications module by re-architecting in *Node.js*
- Training of staff and stakeholders; presentation of system at various conferences.

Director and Senior Developer, AWS Central Europe s.r.o.
Na Poříčí 1071/17, 110 00 Prague, Czech Republic
July 2006 – December 2010

- Formation of the company's first international office and a Czech limited company, with full obligations for all legal reporting.
- Recruitment and line management of 7 employees, involving mentoring, training, and appraisals.
- Development of financial strategy, budgeting, book-keeping, forecasting and reporting.
- Project management, technical leadership and client liaison for projects undertaken by the team (Primary technologies: *C#, ASP.NET MVC and Web Forms, LINQ, T-SQL, WCF, Windows Azure: Web & Worker Roles, Queues, Table Storage, SQL Database*)
- Responsible for quality management and control (implementation of automated testing tools, unit and integration testing, performing code reviews, conducting security reviews, etc.)
- Definition of the Development Team's working processes.
- Responsible for resource management and project planning.
- Return of company ownership, as a stable and profit-making entity, to be a fully owned subsidiary of the UK company.

Software Developer and Senior Software Developer, Active Web Solutions Ltd.
Broomvale Business Park, Ipswich, IP8 4JU, UK
December 2002 – April 2006

- Primary developer and architect of backend services for the RNLI's *MOB Guardian* sea-safety system, a winner of three British Computer Society awards
(*C# - Multithreaded console and WinForms applications, ASP.NET, T-SQL*)
- Simulation of high volume messaging scenarios, analysis and optimisation of database and system performance by use of *SQL Server Profiler*.
- Analysis of failure scenarios, and architecture of redundant failover systems through use of *SQL Server Replication*.
- Development of intranets and extranets, including enterprise application integration.
(*Classic ASP, ASP.NET, T-SQL*)
- Embedded systems programming, including applications for the .NET Compact Framework.
- Architecture of satellite-based systems and networks.
- Provision of consultancy, requirements capture and training to clients.
- Account Manager for five corporate customers (systems in excess of 1000 users).

Contract Positions

Senior Software Developer, Deloitte Central Europe
April – July 2006

- Part of the core development team for creating financial services applications used throughout all Deloitte member companies (specifically, group compliance and risk analysis)
- Assisted with the specification of in-house quality control and testing standards for use across Prague, Chicago and Hyderabad development centres.

Other Experience

Summary of Technology Experience

- *Programming* – C# / .NET, C, C++, Visual Basic
- *Web Development* – HTML, AJAX, jQuery, CSS, ASP and ASP.NET, PHP, XML and XSL
- *Databases* – Transact SQL, SQL Server (All versions since 2000) and Oracle 10g.
- *Communication* – WCF, XML Web Services, REST services
- *Use of PC/Windows* (All versions since 2000) and *UNIX* (Mac OS X, Linux, Solaris)

Voluntary IT Work within NGO and Charity Sector
2002 – present

- E-shop, with credit card payment facility – has taken over 7,500 orders and £300,000 revenue.
- Content Management System, used by three organisations.
- Podcast management tools.
- Various visualisation tools to encourage donor giving.

Education

Aston University (School of Engineering and Applied Science) / Aston Business School
September 1997 – June 2001

- Degree comprised studies in Electronics, Computing, Telecommunications and Management.
- Prize for Highest Grade MEng Student (1st and 3rd years), and for Best Final Year Project (entitled *E-commerce Site with Smartcard Payment Mechanism* – see www.cslacey.co.uk/project)
- Course representative; sat on Staff-Student Consultative Committee.

Colchester Royal Grammar School
September 1990 – July 1997

Gap Year

Travelling in South America, New Zealand, Australia and South East Asia
October 2001 – July 2002

- Volunteered at *Casa de Maria e Marta*, a school for children living in a *favela* in Rio de Janeiro.
- Worked voluntarily for *TEAR Australia* in Sydney.