

RESUME

DAVE BARTLETT

PROFESSIONAL MICROSOFT DEVELOPER

CURRENT OCCUPATION:

Senior Developer in .NET, C#, VB, HTML, CSS, SQL Server, ASP.NET, MVC, EPiServer, jQuery.

KEY STRENGTHS:

1. Client facing skills, written and verbal communication
2. Software design, development & technical writing
3. Conversant with both web and desktop development technologies
4. EPiServer developer
5. Advanced SQL Server database design & development in T-SQL and competence in MySQL and Oracle database programming
6. Software Development Practices and agile techniques
7. Unit Testing with NUnit & Visual Studio
8. Object-Relational Mapping with various tools
9. Communication technologies such as messaging, HTTP, WCF, Web Services, REST, TCP/IP, UDP, SSL.
10. Experience with the PCI-DSS security standard. Security on Windows platforms, strong encryption. Securing web applications from attack.
11. Expertise in content management and information architectures.
12. Experience with a broad range of technologies and languages.
13. Enthusiastic about Microsoft technologies, and an avid learner of all things related to software development.
14. Version Control System administration with CVS, SVN, Perforce.
15. A 'generalist' programmer, able to take existing programming and software engineering knowledge and skills and apply them to any technical task to add business value.

SKILLS MATRIX:

Skill	Level Attained
C#/VB.NET	Senior Level
HTML/CSS/JavaScript/jQuery	Senior Level
ASP.NET/MVC	Senior Level
SQL Server Programming	Senior Level
EPiServer	Intermediate Level
BizTalk Server	Intermediate Level
Web Application Security	Senior Level

CAREER ASPIRATIONS:

To be an important part of a skilled team; building world class software; working with the best people in the industry.

QUALIFICATIONS:

Honours Degree in Computing & Electronic Engineering (BE) from Auckland University.

TRAINING & CERTIFICATIONS:

EPiServer Developer Training 2008
Completed SearchMasters SEO training 2007
Completed University of Auckland Short Course on Project Management 2002

PROFESSIONAL MEMBERSHIPS:

Professional member of the Web Developers Association of New Zealand (WDANZ).

AWARDS:

Company award for "Outstanding Contribution to a Project 2010" while working for Asparona Ltd.

TRAVEL:

Travelled extensively in Europe, Australia and New Zealand. Worked on projects in Canada and the USA.

CITIZENSHIP:

New Zealand & Australian

MARITAL STATUS:

Married, 2 children

DATE OF BIRTH:

29th April 1975

CONTACT DETAILS:

phone: +64 21 432 702

WORK EXPERIENCE SUMMARY

CONTRACT DEVELOPER

April 2010 to present:

Self Employed Contract Developer, Microsoft Technologies and EPiServer

I have been engaged in a number of C#, ASP.NET, MVC, SQL Server and EPiServer projects.

Projects include:

- EPiServer implementation for Molnlycke Healthcare, Less Pain Academy (Europe-based healthcare company)
- ASP & MySQL Training booking and administration system for a French healthcare company
- ASP.NET MVC & SQL Server web reporting application for Glidepath Ltd. This solution was designed and built by myself and implemented in 6 weeks from start to finish. The application delivers 8 complex reports on real-time inbound baggage arrival data. Audience was an airport's operational arm.

SENIOR DEVELOPER

Asparona Ltd.

April 2008 to October 2010:

Senior Developer, Microsoft Technologies EPiServer, ASP.NET, C#, VB.NET, SQL Server, Web Services, .NET Security. Also required technical writing, software architecture design, and business process engineering.

In this role I was the company's main advisor into Microsoft technologies, as the company is predominantly an Oracle consultancy. I introduced EPiServer to the company as a way to address the mid-enterprise WCMS market in New Zealand. The company took onboard EPiServer as a product, became an EPiServer partner, and now does EPiServer consulting.

Other projects included a major security overhaul to a web based credit card gateway, over a period of 18 months, to achieve PCI-DSS security compliance (which we were successful in doing), and a major migration to a new platform. This required the development of extensive documentation, spanning some 1800 pages, for which I was chiefly responsible. It also required significant modifications to the software in order to make it more secure. I managed the implementation of these software changes as a series of incremental monthly upgrades over 18 months. Designed and coded many security enhancements such as AES256 encryption, encryption key storage and replacement, and solutions to common web security threats such as XSS and CSRF. I reported to a Senior Architect, and to the CEO. Awarded the "Outstanding Contribution to a Project" company award in 2010 for this work.

Also on this credit card gateway, I designed, developed and deployed a major re-write of the Business to Business (B2B) interfacing technology to use .NET Web Services. This required careful design, development, and testing to ensure quality, performance goals and security were all achieved.

This role enabled me to grow my skills not only in software, security, EPiServer, networking, and IT project management, but right across the Software Development Life Cycle, and up and down the Microsoft technology stack. I hope that it demonstrates my broad range of capabilities, and commitment to deliver results to the business, not just technical solutions.

Jan 2007 to April 2008:

Contract C#, ASP.NET and SQL Server Analyst, Architect and Developer

CONTRACT DEVELOPER

Clients included:

People Development Systems Ltd.: Developed an application for conducting online surveys, with powerful graphical analysis of results. Full web application product development in SQL Server & ASP.NET. Acquired this contract through my own sales & marketing activities and delivered a very successful result. This was a fixed price contract requiring careful time management and change management in order to deliver on time and on budget in a rapid development environment. PDSL had a client scheduled to use the software in 6 weeks, so we embarked on a carefully planned development and release cycle such that the features required initially would be developed first (the survey forms), and then we followed up with development of the reporting tools in time to deliver the reports to the client. Finally we developed back-end administration tools to manage survey setup and other information behind the scenes.

PCL Ltd.: Contract support work for 2 E-commerce ASP.NET/C#/SQL Server web sites. Introduced a number of features for backend management of web content, and SEO.

Infobiz Ltd.: Contracted to work on a real estate marketing database & data entry software. ASP.NET/ASP Classic/C#/SQL Server. Included setting up street address validation using NZ Post's postal address database. Successful delivery of project.

eGroup Ltd.: Automated XML import tools for an online real estate database. The software developed was required to import a daily XML file and images and import this into an Access database used by the client's web site. Successful, on time delivery of project, and a satisfied customer.

References for all above contracts are available on request.

JAN 2004 – DEC 2006 CMS LTD.

**ARCHITECT,
DEVELOPER,
TECHNICAL
DIRECTOR**

CMS Ltd.

Software architect, developer and technical director, CMS Ltd., a small software start-up. Design and development using Microsoft Technologies - C#, ASP.NET, VB, VBA & SQL Server. Also involved mobile software design on the Windows Mobile platform and .NET Compact Framework.

High customer contact role which required the skill of bridging the gap between the client, stakeholders, and the software development team.

Analysis & Design of business software, and leading small a team of developers and contractors through the entire SDLC.

This was a product development lead role in which we developed a successful web software product from scratch, then added configurable components for each new client's individual requirements.

Solely responsible for software design, and management of software developers. Established software development practices in a new team (version control, deployment and test procedures, daily builds, continuous integration, test scripts for UAT).

The product was a Resource Planning system for specific Local Government outsourcing requirements. The product was sold on a Software as a Service basis to a number of local councils and their contractors.

JAN 2001 – DEC 2003 GLIDEPATH LTD.

**SOFTWARE
ENGINEER**

Glidepath Ltd.

Software Engineer

An engineering and software development role in C/C++ and SQL. Gained international experience with large clients like Toronto International Airport. Supervised junior staff. Glidepath has won NZ Exporter of the year numerous times in the Engineering category.

Glidepath has a strong culture of software & system level testing. I worked alongside a very experienced former mainframe developer from the UK. Working with this person in a pair programming situation greatly improved my software design and coding skills, and completely changed the way I looked at software design and development.

My role involved design, coding, testing and commission baggage conveyor control software systems using Glidepath's existing software products.

This role required a deep understanding of software & industrial systems, and the ability to design & build new software modules for a complex software product with 250,000 lines of code.

The product is a large, complex server application with real-time performance and high availability requirements. The software we developed included our own real-time, in-memory database, and hot-standby (automatic failover to a redundant server without loss of service).

Projects included:

- Auckland International Airport – development, testing and commission for a major baggage processing software upgrade.
- Toronto International Airport, Canada - new baggage processing system, database development. Included 12 weeks in Toronto, Canada.
- Boise Airport, USA - new baggage processing system installation, passed stringent US security requirements set by the TSA following 9/11.

PROJECT ENGINEER

Honeywell New Zealand Ltd.

JAN 1997 – DEC 2000 HONEYWELL LTD.

Project Engineer

Three years as a *Project Engineer* for Honeywell NZ Ltd.

Strong Project Management methodologies used in this highly project-driven environment.

Sole responsibility for technical delivery of complete working solutions to the client. Reporting to a senior project manager, projects ranged in size from \$100k to \$500k. Responsibility included managing project scope, delivering on time and to budget, system design, managing my own time. Included programming industrial controllers, and setting up industrial networking using TCP/IP, RS232, RS485.

- Project Engineering for commercial building control systems (Massey Albany University and Vero Building, Auckland). Included engineering design, procurement, testing, commissioning.
 - Project Engineering for commercial security system installations in the high-security prisons market. Included engineering design, procurement, testing.
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