

## Andrew Sewell MNZCS ITCP

### Personal information

Name	<b>Andrew Donald Kennett SEWELL</b>
Address	<b>26 Kennington Palace Court, Sancroft Street, London SE11 5UL</b>
Telephone	<b>+44 (77) 4883 5283 or +64 (21) 746458</b>
E-mail	<b>andrew.sewell@ku.co.nz</b>
Skype	andrew.sewell.nz
Web	www.ku.co.nz
Nationality	New Zealander
	United Kingdom Indefinite Leave to Remain
Date of birth	11 April 1965

### Skills and competencies

Technical	Microsoft Visual Studio.NET development for Web (ASP.NET) Microsoft Visual Studio.NET development for Windows Microsoft SQL Server 6.5-2008 development and administration Microsoft SQL Server Integration Services development (SSIS) Microsoft Server 2003-2008 IIS and Active Directory administration Microsoft Office automation and development Microsoft Powershell Microsoft Windows Presentation Foundation (WPF) C#, VB.NET, VB6, VBA Transact-SQL, MySQL, LINQ HTML, CSS, XML, XPath, XQuery, Unified Modeling Language (UML) Sybase IQ development
Software Design	Architecture: enterprise, multi-tier, distributed systems to desktop applications to mobile applications, Microsoft Enterprise Library, service-oriented architecture Relational database design O-O object model design Workflow design Business analysis, requirements capture Application of software design patterns and practices Agile Development: Rapid Application Development, prototyping, Test-Driven Development, Scrum, Peer Programming, Use Case Analysis Rational Unified Process Technical writing and documentation
Organisational	Leadership Teamwork Project management Process analysis and development Mentoring and training
Personal Qualities	Self-reliant and self-managing Persistent Innovative Adaptable Culturally sensitive, curious and tolerant Adventurous

## Work experience

*over the past decade*

Dates	<b>March 2010 onwards</b>
Organisation	knowledge.update (UK) Ltd., 26 Kennington Palace Court, London SE11 5UL www.ku.co.nz
Type of business or sector	Information systems architecture and development, developer training
Position	Director and consultant
Activities and responsibilities	Developing information system solutions to clients' business problems Major client project: <b>Lehman Brothers International (Europe)</b> (in administration): SHARK development project migrating core financial broking information system from mainframe-based to Windows-based data warehouse system. ADA development project for administrating creditor asset repatriation. Multi-tier architecture and development work using Sybase IQ, .NET Windows with C#, LINQ and lambda expressions, Microsoft ClickOnce deployment, OO software patterns, UML2, CVS team version control. OO developer training delivery.
Dates	<b>March 2007 to June 2009</b>
Organisation	Freightbid (trading as C3i Technologies Ltd, Dunedin, New Zealand) www.freightbid.co.nz
Type of business or sector	On-line freight brokerage (Start-up company)
Position	Chief Technology Officer and Director
Activities and responsibilities	.NET3.5 ASP.NET WCF, SQLS2008, SOA middleware, UML2.0, Redgate SQLCompare; Business analyst for Freightbid system. Architect of distributed, multi-tier, data-driven Freightbid web. Develop and deploy Freightbid web, libraries and datastores. Database and web administrator.
Dates	<b>October 1996 onwards</b>
Organisation	knowledge.update Ltd, PO Box 6388, Dunedin, New Zealand 9059. www.ku.co.nz
Type of business or sector	Information Systems Development and Consulting
Position	Director and Consultant
Activities and responsibilities	Developing information system solutions to clients' business problems Advising client organisations on business practice and information technology matters Delivering Microsoft Official Curriculum training for ACE Training Ltd. Operating knowledge.update Ltd. business Major client projects include Southern Print: re-architect invoice and statement printing service using UML2, workflow, Universal Business Language XML Chorus (Telecom): develop and deliver SQL and data structure design training. ACE Training: develop and deliver .NET developer, SQL Server developer, architecture and data structure design training. Financial Planning Ltd.: architect and develop client management system using SQL Server 2005, MSAccess 2003 data project, UML2. NZ Fish and Game Council: architect and develop document management system using SQL Server 2005, MS Access 2003 data project, UML1. Clive Wilson (Dunedin) Ltd: architect and develop quote compilation and quote management system. MS SQL Server 2005, .NET webservices, .NET Windows with C#, Rational Unified Process, UML1. Works Infrastructure: architect and develop data-processing and reporting tool for snow and avalanche monitoring system, using VB6 and SQL Server 2000, UML1. Foot Science International: design and develop back-end datastore of production management system using MS SQL Server 7. Western Bay Finance: architect and develop client communication

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	<p>system using MS Office 98 Automation integrating with enterprise-scale finance system.</p> <p>Zuellig Pharma: architect and develop automated tool to generate business cases for installing pharmacy management systems. MS Office 97Automation with MS Access 97 back-end.</p> <p>Air New Zealand: architect and develop performance appraisal management system for global rollout. MS Access 95, MS Office 95 Automation integrated with DB2 personnel system.</p> <p>Village Force: architect and develop tool to produce cinema show listings ready for print using MS Access 95 and Pagemaker scripting</p>
Dates	<b>January 2000 to July 2009</b>
Organisation	School of Information Technology, Otago Polytechnic, Private Bag 1910, Dunedin, New Zealand 9030 www.op.ac.nz
Type of business or sector	Tertiary Education
Position	Senior Lecturer
Activities and responsibilities	Degree course development and course delivery concentrating on software development, database development Administration of school servers that support course delivery and student work International student pastoral care Course and assessment moderation for other outside institutions <i>! Winner of the Otago Polytechnic Teaching Excellence Award for 2002</i> <i>! Nominated for the NZQA Tertiary Teaching Excellence Awards 2003</i> <i>! Winner of APNZ–Microsoft Technology In Education Award for 2003</i> <i>! Winner of Best Short Paper, NACCQ Conference 2006</i> <i>! Nominated for Otago Polytechnic Teaching Excellence Award 2008</i> Mentor, technical consultant, architectural consultant to senior student commercial projects including tools and techniques: multi-tier, multi-user, distributed systems architecture; relational data structure analysis and design; object-oriented model design; enterprise and low-level design patterns and practices; development techniques such as Rapid Application Development, prototyping, Use Case analysis, pair programming, scrum, Rational Unified Process; design tools UML1, UML2, ERD, dataflow diagrams, mind mapping, wireframing; team management skills; client management skills; Visual Basic 6, Visual Basic for Applications; VBScript, JavaScript; occasional work with Java and C++; .NET Framework1/2/3/3.5 across a wide range of namespaces; Visual Studio 6.0; Visual Studio.NET2002/2003/2005/2008; development of Windows applications, libraries, webservice ; ASP.NET, ASP, HTML, CSS, Infragistics Tools for ASP.NET; Windows Presentation Foundation (WPF); XML, XSD, XPath, XQuery, custom and proprietary XSDs including UBL XML, Artificial Intelligence XML, MusicXML, MIDI XML, ;SQL Server7/2000/2005/2008; Transact-SQL, LINQ, occasional PostgreSQL; MySQL; SQL Server Data Transformation Services; SQL Server Integration Services SSIS; SQL Server Reporting Services; IIS administration; Active Directory administration; Powershell for Active Directory administration, SQL Server administration, file system operations; Macromedia Flash action scripting; Microsoft Office Automation; Microsoft Access 97/2000/2002/2007;
Earlier Employers	Ernst & Young, NZ; software analyst/developer (Feb-96 to Oct-96) The Working Brain, UK; software analyst/developer (Jan-93 to May-95) Hagley Community College, NZ; teacher (Jan-89 to Dec-91) MurrayNorth, NZ; junior consultant engineer (Jul-87 to Jan-88) LandcorpNZ, NZ; software analyst/developer (Nov-86 to Jul-87)

### Professional registrations and memberships

Registration	NZCS Information Technology Certified Professional <a href="http://www.ictp.co.nz/">http://www.ictp.co.nz/</a>
Membership	Member of the New Zealand Computer Society <a href="http://www.nzcs.org.nz/">http://www.nzcs.org.nz/</a>
Registration	New Zealand Teachers Council Registered Teacher <a href="http://www.teacherscouncil.govt.nz/">http://www.teacherscouncil.govt.nz/</a>

### Education, training and qualifications

Date	<b>March 1996 to present</b>
Type of training	Self-directed study
Qualifications awarded	<b>Microsoft Certified Trainer</b> (May-05 to present) <b>Microsoft Certified IT Professional</b> SQL Server 2008 Database Developer (Jul-09) Microsoft Certified Technology Specialist SQL Server 2008 (Apr-09) <b>Microsoft Certified Solution Developer</b> Microsoft.NET (Jun-06) Microsoft Certified Application Developer (Jun-06) Microsoft Certified Solution Developer Visual Studio 6 (Sep-02) Microsoft Certified Professional Access 2.0 Development, Win95 (Feb-97) Go to: <a href="http://www.microsoft.com/learning/mcp/transcripts">www.microsoft.com/learning/mcp/transcripts</a> Transcript ID: 714174      Access code: adkstrans
Date	<b>February 1996 to November 1997</b>
Educational organisation	UNITEC Institute of Technology, Auckland, New Zealand <a href="http://www.unitec.ac.nz">www.unitec.ac.nz</a>
Principal subjects and skills	Impact of information systems on organisations and society, business best practices regarding information handling and information systems, investigate current and future technology
Qualification awarded	Graduate Diploma of Information Systems Management
Date	<b>February 1988 to December 1988</b>
Educational organisation	Christchurch College of Education, Christchurch, New Zealand <a href="http://www.cce.ac.nz">www.cce.ac.nz</a>
Principal subjects and skills	Secondary school curriculum development, teaching techniques, educational theory, education in society
Qualification awarded	Diploma of Teaching
Date	<b>February 1983 to November 1986</b>
Educational organisation	Massey University, Palmerston North, New Zealand <a href="http://www.massey.ac.nz">www.massey.ac.nz</a>
Principal subjects and skills	Industrial technology, industrial design, production engineering, project management, marketing, entrepreneurial management.
Qualification awarded	Bachelor of Technology with Honours (Industrial Technology)