Microsoft CERTIFIED
Database Administrator
Microsoft SQL Server 2000

Microsoft CERTIFIED
IT Professional
Database Administrator 2008

Microsoft CERTIFIED
Solutions Expert
Data Platform

Colin Landmann

Synopsis

I have been working in the IT industry since achieving degree qualification in Information Systems in 1992. I have been working with SQL Server since 1996 and Oracle since 2002. My key professional qualifications are as follows:

MS Certified Solutions Export – Data Platform (SQL 2014)

MS Certified IT Professional - Database Administrator (SQL Server 2005, 2008)

MS Certified Database Administrator (SQL Server 7.0, 2000)

Oracle Certified Associate (Oracle 9i)

After over 10 years of experience in varied Production and Development DBA roles, including demanding senior positions, I moved into independent consultancy. This has allowed me to bring my SQL Server skills to bear to on a wide range of database projects, achieving rapid and high value outcomes for clients.

Personal Information

➢ Australian Citizen
➢ Date of Birth: 11 May 1970

Education

1978 - 1988: Bedford School, Bedford, England
➢ 'A' Levels in Maths, Physics, Economics

1988 - 1992: University of Surrey, Guildford, England
➢ **B.Eng. (Hons.) Information Systems Engineering** – Upper 2nd
➢ The major components of this course were Computer Science, Telecommunications and Electronics.

Skill Summary

Microsoft SQL Server (6.0, 6.5, 7.0, 2000, 2005, 2008, 2008R2, 2012, 2014)
➢ Installation, Tuning, Monitoring, Maintenance, Administration, Security, Audit
➢ Clustered SQL server installations and other High Availability solutions
➢ Building scalable database management solutions
➢ Database Design, Implementation and Optimisation
➢ T-SQL development including Stored Procedures and Triggers.
➢ Data Warehouse Design and Implementation
  ➢ Analysis Services
  ➢ Reporting Services
➢ DTS and SSiS Development
➢ Database server consolidation

Oracle Database (7, 8i, 9i)
➢ Installation and Configuration on Sun Solaris and Windows NT/2000
➢ Backup and Recovery (including RMAN)
➢ General Database Administration, maintenance, support and tuning

- ➢ Oracle Fail Safe

Other skill areas
- ➢ Windows Sever operating systems, Active Directory, networking
- ➢ Backup products: Legato Networker, CA Arcserve, Veritas Backup Exec, BMC SQL-BackTrack, Tivoli Storage Manager, SQL Litespeed, Redgate SQL Backup
- ➢ UNIX (Sun Solaris, IBM AIX, HP/UX)
- ➢ PowerShell, VBScript, Perl and DOS scripting
- ➢ Nagios monitoring
- ➢ Sybase DBA
- ➢ PICK / UniVerse / UniDATA

Professional experience	July 2007 to present: **Landmann IT Consulting Pty Ltd**

SQL Server Database Consultant

Specialising in:
- ➢ Planning and building new systems including SQL 2005/2008/2012 clusters
- ➢ Database Migration and Consolidation projects
- ➢ Delivering Business Intelligence solutions with SQL Server Analysis Services, Integration Services, Reporting Services
- ➢ SQL Server configuration, security and performance audits
- ➢ Database Server and Application tuning
- ➢ General SQL Server database administration and maintenance

Major engagements:

Wilson Group (August 2007 to present)
- ➢ Full SQL server systems audit include configuration, maintenance, monitoring, performance and security. Remediation of audit issues.
- ➢ Design and build of a new SQL 2008 R2 environment, migration and consolidation to new environment. Associated standards documentation.
- ➢ Design and build of new SQL 2008R2 BI infrastructure. Preparation of detailed SSRS development standards including coding, styling, layout, security and site organisation.
- ➢ Design of a 2 node ESX based SQL 2008 R2 cluster to support a large scale Dynamics AX implementation.
- ➢ Design and build of a new SQL 2012 environment and associated migration work.
- ➢ Ongoing high level SQL consultancy including leadership and mentoring of DBA team.
- ➢ Lead Database Architect and Developer for new Parking Operational Data Store – unifying large data volumes from disparate and dispersed systems.

City of Melville Council (November 2007 to present)
- ➢ Consolidation of databases for 40 applications, previously spread over 5 SQL 2000 servers, to a new SQL 2005 64-bit Cluster. The project included building the SQL Cluster, coordination with application vendors and users, application reconfiguration as well as the database moves.
- ➢ Corresponding SQL 2008 R2 Cluster build and database migrations.
- ➢ Implementing a SQL 2012 SSRS reporting platform including development standards
- ➢ Lead SSRS report developer - across all business areas.
- ➢ General ongoing database maintenance and tuning.

iiNet (June 2012 to February 2013)
- ➢ Migration of primary business intelligence / data warehouse system to a SQL 2012 cluster. Volume of data migrated in excess of 10TB.
- ➢ Build of new infrastructure and migration of SQL, SSRS, SSAS and SSiS components.
- ➢ Assistance and training provided to development team in making the most of new SQL 2012 features.
- ➢ Project resulted in large improvements in data warehouse load times, report performance and system reliability.

Public Transport Authority (September 2009 to June 2012)

- Design and build of a new SQL 2005 environment, database migration and consolidation to new environment. Associated standards documentation.
- Design and build of a 2 node Active-Active SQL 2008 Cluster on Windows 2008 R2 Server. Migration of databases for a major business system to new cluster.
- Design and coding of a SQL 2008, SSAS and SSRS based BI platform for flexible and fixed reporting against helpdesk system.

Worley parsons (February 2011 to March 2011)

- Design and build of 3-node SQL 2008 multi-instance cluster – optimised for SharePoint database hosting.
- Staged migration of 590 sharepoint databases (3.5 TB data) to new platform with limited downtime – a large and complex migration for a key worldwide business system.
- Generation of Sharepoint scripts to assist with migration on application side.

Fortescue Metals Group (July 2008 to March 2010)

- Full SQL server systems audits include configuration, maintenance, monitoring, performance and security. Remediation of audit issues.
- Development and documentation of SQL server standards.
- Supervision of third party support providers.
- Design and coding of a SQL 2005 and SSAS based BI platform for flexible and rapid analysis of material movements around a mine site.

July 2013 to February 2015: Datacom WA Pty Ltd

SQL Server Database Consultant

Major engagements:

CITIC Pacific Mining

- General SQL Server Database Administration
- Full audit of production database systems against management and configuration best practices
- Audit remediation
- Development of custom reporting solutions for mobile phone cost management and employee metadata synchronization

The Perth Mint

- Creation of a SQL Server consolidation plan to rationalise 10 production instances down to 2 - yielding significant reductions in licensing and management costs, combined with the benefits of upgrade to SQL 2012

MercyCare

- Full Audit of production database systems against management and configuration best practices
- Audit remediation

January 2005 to May 2007: **IWL Ltd (incorporating Sanford Securities)**

Senior SQL Server/Oracle Database Administrator

- Senior production DBA managing SQL2000 databases behind Sanford Securities, NAB and other IWL white-label trading platforms – Large and high volume system with critical availability, performance, security criteria. Clustered SQL server.
- Significant exposure to operation of ASX
- Reform of database change and release procedures. Responsible for implementation of all production database changes.
- Establishment and documentation of database development standards alongside ongoing provision of coaching to development team
- Implementation of SQL2005 Reporting Services for internal reporting
- Administration of Oracle 8i database for NAB trading platform
- Lead DBA for major project migrating NAB system from Oracle to SQL Server

November 2002 to December 2004: **LogicaCMG Pty Ltd**

Oracle/SQL Server Database Administrator (for Woodside Offshore Petroleum)

- Managing Databases in a Sun Solaris and Win NT 4.0/2000 - Oracle 7/8i/9i, SQL Server 7.0/2000 environment.
- Daily monitoring and problem resolution with regard to availability, backups and security. Pro-active improvements in these areas.
- Response to Customer requests in relation to all aspects of database management. E.g. Security changes, Data loading, Schema changes, Application problems.
- New Database server installations and new database set up including migration of new databases to Production environment. Patching and Upgrade of existing systems.
- Development of new systems to streamline and improve systems monitoring.
- Comprehensive audit of SQL Server configuration and management site wide.
- Maintenance and creation of DBA procedural documentation and standards.
- General consultancy on areas such as database design, sql coding, security, performance and capacity planning

February 2002 to September 2002
Travelling around Australia

March 2000 to February 2002: **Dai-Ichi Kangyo Bank**
SQL Server Data-Warehouse Developer / Development DBA (contract)
- Developing Corporate Data Warehouse based on SQL Server 7.0 / IIS 4.0 (Intranet)
  - Analysis of new requirements for incorporation into Warehouse.
  - Implementing new data feeds from various platforms using DTS.
  - Development of SQL Stored Procedures for Data cleansing/scrubbing, reconciliation of data from different sources and reporting results.
  - Development of ASP/SQL Intranet Reports and Applications.
- Developing Credit Risk Portfolio Analysis System
  - Dimensional/Star Schema Database Design and Implementation
  - Developing data population processes. (Stored procedure and DTS based)
  - Delivering reporting results from SQL Stored Procedures for delivery via Crystal reports web component.
  - Cube Design and Implementation for OLAP analysis
- Data Warehouse Redesign and Redevelopment for Mizuho Bank using SQL Server 2000
  - Design and implementation of highly flexible, multi layer, databases with differing levels of normalisation between levels. (Data Modelling)
  - Development of highly generic data loading, cleansing, transformation and normalisation mechanisms using DTS and SQL Stored Procedures.
  - Development of Stored Procedures for data modifications and retrievals from front end, including preparation of XML results.
- General DBA duties
  - Definition, documentation and enforcement of developments standards and release procedures. Technical review of design/coding prior to release.
  - Database consultancy for developers ('guru' role). Commonly assisting with database and stored procedure design, index tuning, performance and security issues.

October 1998 to March 2000: **Bank of Tokyo-Mitsubishi**
SQL Server Database Administrator (contract)
- Production DBA duties for SQL Server 6.5 based OLTP and OLAP systems
- Conducting configuration, performance and security audits of existing SQL servers
- Preparation and Implementation of proper Change Control and Release procedures for SQL databases.
- Hardware sizing, OS and SQL Server build of new servers. (Compaq servers)
- Support of Bank systems including Matching and Reconciliation. (Microbank, City Networks and in-house applications)
- Design, deployment and documentation of Disaster Recovery replica systems.
- In-depth performance tuning work including SQL query tuning, indexing analysis and re-writing stored procedures.

- ➢ Migration of SQL Server 6.5 databases and applications to SQL Server 7.0.
- ➢ Design and Implementation for Pilot SQL Server 7.0 OLAP Project.
- ➢ Design and Implementation of a SQL/ASP based hierarchical Intranet security system.
- ➢ Design and coding of a data movement, import and archiving system for a Financial Data Warehouse. Written using VBScript, SQL-DMO and T-SQL Stored Procedures.

March 1998 to October 1998: **Fairway Business Services**

SQL Server Database Administrator (contract)

- ➢ Database Administration for warehouse management system (SQL Server 6.5):
  - • Monitoring, configuration, tuning, backup, troubleshooting
  - • Working with developers to optimise application performance and resolve application problems
  - • Writing Stored Procedures and Triggers
  - • Database activity profiling for advanced tuning
- ➢ Designing and Implementing a database plus data "scrubbing" and import procedures for a Data Warehousing project
- ➢ Developing a web based system for access to SQL data using MS Visual Interdev, Active Server Pages and MS Internet Information Server 4.0.
- ➢ Designing and delivering ODBC based systems for customer access to SQL data
- ➢ Supporting multi-site, multi-domain NT environment including MS SQL Server 6.5, MS Exchange Server 5.5, Internet Information Server 4.0, Outlook and Office 97.

July 1997 to March 1998: **SmithKline Beecham Pharmaceuticals**

SQL Server and NT Systems Manager (contract)

- ➢ Administration of 6 SQL Server 6.5 databases used by World-wide SMS Infrastructure including designing all backup and maintenance procedures.
- ➢ Managing and developing Enterprise backup solution (Legato and ATL robotic tape libraries) including developing Perl automation scripts
- ➢ Training staff in NT and SQL Server support and troubleshooting
- ➢ Supporting infrastructure (40 NT servers) for 8,000 NT Workstation Clients - File & Print, SMS, SQL Server, WINS, DNS, Master Domain Structure plus 40 Lotus Notes Servers.

Sep 1995 to July 1997: **Mentor Management Applications**

Implementation and Technical Support Consultant

- ➢ Database Design for Client-Server Financial System based on Windows Clients and MS SQL Server 6.5 / Sybase 10. Use of Erwin CASE tool.
- ➢ Database Administration for in house systems plus administration, monitoring and tuning for 5 production systems.
- ➢ Product rollout including specifying hardware, network planning, installing and configuring operating systems, installing applications and building databases.
- ➢ Major project migrating database to Oracle 7.
- ➢ In-house network and NT server support plus Windows NT, 95, 3.11, Office 95/97 desktops support

References   Available on request