



Database Administrator



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 qualifications are as follows:

- MS Certified IT Professional - Database Administrator (SQL Server 2005)
- 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 am now operating as an independent consultant. I am able 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
- Age: 39 years
- Driving Licence: full and clean

Education

1978 - 1988: Bedford School, Bedford, England

- 8 'O' Level passes.
- 3 'A' Levels (Maths, Physics : Grade A. Economics : Grade B)

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.

Professional Qualifications

Microsoft Certified IT Professional – Database Administrator

Microsoft Certified Database Administrator

Microsoft Systems Engineer + Internet (NT 4.0)

- MS SQL Server 2005 Upgrade MCDBA to MCITP Database Administrator
- MS SQL Server 2005 Implementation and Maintenance
- MS System Administration for Microsoft SQL Server 6.5, 7.0, 2000 Enterprise
- MS Implementing a Database Design on Microsoft SQL Server 6.5, 7.0, 2000
- MS Designing and Implementing Data Warehouses with Microsoft SQL Server 7.0
- MS Implementing and Supporting NT Server Version 4.0 (plus in The Enterprise)
- MS Implementing and Supporting NT Workstation Version 4.0
- MS Networking Essentials
- MS Implementing and Supporting Microsoft Internet Information Server 4.0
- MS Internetworking with Microsoft TCP/IP on Microsoft Windows NT 4.0
- MS Implementing and Supporting Microsoft Internet Explorer 4.0 using the Internet Explorer Administration Kit
- MS Installing, Configuring, and Administering Microsoft Windows 2000 Server

Oracle Certified Associate

- Introduction to Oracle 9i: SQL

- Oracle 9i Database: Fundamentals I
- Oracle 9i Database: Fundamentals II

Skill Summary

Microsoft SQL Server (6.0, 6.5, 7.0, 2000, 2005)

- Installing, Tuning, Monitoring, Maintenance, Administration, Security
- Clustered SQL server installations
- 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

Installing, Supporting and Managing Microsoft Operating Systems and Networks:

- Windows Server (NT 4.0, 2000, 2003)

Other skill areas

- 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)
- VBScript, Perl and DOS scripting
- Nagios monitoring
- Sybase DBA
- PICK / UniVerse / UniDATA

Professional experience

July 2007 to present: **Landmann IT Consulting**

SQL Server Database Consultant

- SQL Server configuration, security and performance audits
- Delivering reports with SQL2005 Analysis Services and Reporting Services
- Planning and building new systems including SQL 2005 (64-bit) clusters
- Database Migration and Consolidation projects
- Database Server and Application tuning
- General SQL Server database administration and maintenance

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