**Curriculum Vitae**

**Principle SQL Developer**

**Andrew John Fenna**

**KEY SKILLS AND EXPERTISE**

* 15 years of experience in different phases of software development life cycle including analysis, design, development, documentation, deployment and system support.
* Strong Principle Developer, Architect and Administrator. Also worked as Team Lead on many different projects and assignments.
* SQL Server up to version 2016, SSDT, Visual Studio 2017, TSQL, Stored Procedures, Triggers, UDF, TVF, CTE, BCP, DTS, Cognos BI Tools, Sybase ACE, MySQL, Access, Visio, GIT\github.com, Couchbase, Docker, Kerberos, SQL Server for Linux.
* Advance knowledge in RDBMS concepts, conceptual/logical/physical data models, and Dimensional/Star/Snowflake schemas.
* Knowledge of Graph databases; NEO4J and Graphite.
* ETL design, development and deployment.
* Expert in developing a high concurrency database (Over 2TB) running on SQL Server and provide a 100% uptime during deployment.
* Performance Tuning and Optimization of SQL Server.
* Data migration from different database platforms. (Access to SQL Server, SQL Server to Sybase; SQL Server to Oracle using SSIS and CDC).
* Application development using Microsoft.Net Framework (including dotnet core) C#, MVC, ASP.Net.
* Backup & Restore (Full, Differential and Transactional) procedures, Log Shipping and Transactional Replication.
* Cognos BI tools (Cognos Impromptu and Report Studio).
* Strong analytical, problem solving and troubleshooting skills.
* Able to work collaboratively, quickly understand system architecture and business needs while committed to achieving corporate goals.
* Passionate about working with huge data sets and love to bring datasets together to answer business questions.
* Good verbal and written communication skills.
* Ability to work independently and in large team environment.
* Ability to learn new skills on the job and has a ‘Can Do’ attitude.

##### Career History

**Sept 2011 – Present Malvern Group (LateRooms Ltd | Superbreak | Malvern Travel Tech)**

**Role & Responsibilities: Principle Database Developer**

* Working with and mentoring related staff; ensuring clear communication is maintained at all levels, as well as motivating, training and explicitly recognising individuals’ strengths and contributions.
* Introduced TDD (Test-Driven Development) to the database development process.
* Follow strict methodologies in all my development efforts; these include utilising Agile and Lean techniques and strategies combined.
* Develop industry standard DDL, DML and DCL SQL scripts and SSIS packages which all follow strict TDD guidelines.
* Use Microsoft Visual Studio 2017 Professional with SSDT and github.com for all database development efforts.
* Introduced database continuous integration and deployment using ThoughtWorks GoCD pipelines, with integration of the Microsoft data-tier application framework (dacfx) to Build, Test and Deploy DACPAK files, through each defined environment using PowerShell.
* Assist application developers in their development efforts to overall produce quality lean software; this is done through pair programming techniques.
* Oversee and undertake the database releases for my product teams, ensuring adequate roll forward\back scripts are in place. Ensuring release documentation is up-to-date (RFCs) which follows the ITIL Service framework.
* Design and Develop new database functionality using lucidchart and Microsoft Visual Studio 2017 Professional with SSDT. Ensuring I follow the software development lifecycle to develop new features and enhancements based on user requirements.
* Regularly host database hack sessions to educate my peers. This is typically on topics and technologies that either I would like to introduce and\or provide training for all developers in areas which I’m knowledgeable in.
* Successfully migrated 9.2 million consumer records to CRM systems (RightNow, Salesforce and more recently Insightly) using SSIS and CDC (change data capture)
* Participated in the DSS-PCI compliance project to ensure that the data estate is fully compliant.
* Consistently receiving excellent feedback for all work completed from Senior Managers.

**May 2006 – Sept 2011 A J Bell Group Ltd**

**Role & Responsibilities: SQL Server Database Developer / Administrator**

* Worked as part of the systems transformation project developing the backend databases for Tibco BusinessWorks and Tibco iProcess to form the companies ESB.
* Developed and administered the Tibco iProcess and Domain databases in both development and production environments.
* Configured Tibco iProcess using the Tibco iProcess Administration website.
* Developed and deployed Tibco iProcess & BusinessWorks packages (EAR files) using the Tibco iProcess Administration website.
* Installed and configured the database servers SQL Server 2005 & 2008 & Sybase.
* Created the linked servers on SQL Server 2005 & 2088 to access the data from SQL Server 2000 and Access.
* Designed and developed the data conversion scripts and stored procedures on SQL Server.
* Designed and implemented the backup strategies for SQL Server 2005 & 2008 maintenance jobs.
* Designed, developed and setup the database restore strategy to enable nightly backups from production to be restored to the development environments, per schedule or request. Using ASP.Net web services, C#.Net console and windows applications.
* Developed SQL scripts on SQL Server to migrate data from SQL Server to Sybase database Servers using BCP.
* Designed and Implemented Sybase Replication Server to replicate from Sybase to Sybase for homogeneous replication and from Sybase to SQL Server 2008 for heterogeneous replication.
* Administered SQL Server Reporting Services 2000 & 2008.
* Helped and assisted database developers in the development effort including UAT, QA and Production support.
* Reviewed\Approved data scripts developed by my peers.
* Created SQL Jobs and SSIS packages on SQL Server 2005 & 2008.
* Used Colabnet Sourceforge & Teamforge (version control system) to check in and check out the database scripts, stored procedures and other code files.

**Nov 2005 – May 2006 Central Manchester University Hospitals (MRI)**

**Role & Responsibilities: Database Administrator / Architect**

* Worked as part of the Database Administrator / Architect team for the national project for connecting for health migrating MUMPs database patient records to SQL Server 2005.
* Designed and developed fuzzy logic algorithms to identify duplicate patient records for data cleansing exercises.
* Worked with the Software Engineering Team and was involved in analysis, design, development and deployment of different new products and services. Designed and developed the conceptual, logical and physical models according to the business requirements.
* Developed the Stored Procedures, Triggers, Functions, T-SQL scripts, DTS and SSIS packages.
* Extracted the data from SQL Server 2000 databases as per user requirements.
* Involved in Performance Tuning and Optimization of Stored Procedures and SQL scripts (database size was over 1TB).
* Supported SQL Server 2000 & 2005 (after hours production support) production environment to resolve any production issues for the daily/nightly extract, transform & load jobs.
* Used Visual Source Safe (version control system) to check in and check out the database scripts, stored procedures and other code files.
* Used the Erwin Modeller and Visio to design the conceptual, logical, physical and dimensional models.

**Jan 2004 – Nov 2005 Countrywide Property Lawyers (CWPL)**

**Role & Responsibilities: Database Administrator**

* Worked as Database Administrator.
* Developed the Stored Procedures, Triggers, Functions, T-SQL scripts, DTS and SSIS packages.
* Setup and administered SQL Server Replication for publication to the reporting system.
* Administered SQL Server Reporting Services 2000.
* Provided in and out of hours production support for SQL Server databases.
* Provided help and advice though the complete software development lifecycle, support development, deployment and maintenance to SQL Server databases.

**Jul 2002 – Jul 2004 Horserace Totalisator Board (HTB)**

**Role & Responsibilities: Database Developer**

* System administration and maintenance on HR, Payroll and Financial Systems.
* Set-up and configured Intel based servers for use as application servers and web servers.
* Provided end-user telephone and on-site support and pro-actively monitored, pre-empted, diagnosed and rectified system problems.
* Wrote documentation for common support issue and provided user training for new systems.
* Developed software written in Visual Basic 6 for users in the financial systems department, which helped them to fulfill their daily duties.
* Designed and developed databases, tables, stored procedures, triggers and ad-hoc TSQL scripts for the overall housekeeping of the SQL Servers.
* Developed software in Visual Basic following the systems development life cycle to industry standard.

**Professional Training**

**Currently Studying**

# *MCSE: Data Platform – Pass in 90 days*

TiBCO iProcess & BusinessWorks Administration 2010

Sybase Replication Services 2010

Sybase ASE 15.2 2010

Implementing a Microsoft SQL Server 2005 Database 2009

Updating Programming Skill in SQL Server 2005 2006

Basic POP training 2004

Cognos Report Authoring with impromptu 2003

Cognos Impromptu Series 7 Administration 2003

Cognos Series 7 Upgrade 2003

Coda-Financials Callable Link 2003

Coda-Financials Administration 2003

Administering a Microsoft SQL Server 2000 Database 2003

**Qualifications**

**HND Computing (Business Information Technology) (2000 - 2002)**

**Grade**: Merit

**GNVQ Advanced Information Technology (1998-2000)**

**Grade**: Merit

**GCSE’s (1998)**

**Grade:** 11 GCSEs A-C

**Publications**

I am currently publicising articles and blogs at:-

* [http://www.sqlservercentral.com/blogs/](http://www.sqlservercentral.com/blogs/go-sql-blog-a-blog-dedicated-for-sql-server-developers-alike)
* <http://www.mssqltips.comn> (currently setting up a writers account for exclusive articles)

**Personal Details**

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**Date of Birth:** 13/08/1982.

**Nationality:** British.

**Driving Licence:**  I hold a full clean driving licence.

**Hobbies and Interests:**  Rugby League, Long distance running, Mountain biking and computer gaming.

**Comments:** Willing to travel as required within the Northwest and the Manchester regions.

**References**

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