NEIL MILLER

MA (Cantab)

SQL Developer and SQL Server Database Administrator (DBA)
Telephone: Available on request

Email: neilm@millersql.com

# PROFESSIONAL PROFILE

Highly proficient **SQL Developer, SQL Server Database Administrator (DBA),** and **SQL Data Engineer** contractorwith over 20 years of experience with SQL Server-based enterprise database systems for multiple European and UK blue-chip clients including **Allen & Overy LLC, MUFG Securities, ING Investments, OVO Energy,** **SSE Plc**, **BlueCrest Capital**, **AutoTrader, ITV Teletext**, the **BBC**, and **Sky TV**.

**Cambridge University Graduate**.
Location: **Tadley, Hants. RG26 3SL**

# SKILLS

* **Microsoft** **SQL Server 2017, 2016, 2012 and 2008 development** (10 years).
TSQL & Stored procedure programming, data migration.
* **Spark SQL** development on **Azure Databricks**. Some python coding within this.
* Microsoft **SQL Server 2014/2008/2005 database administration** (13 years).
Database and transaction log backups and restores, **replication**, tuning, **migration from SQL Server 2000 to 2005/2008**, **SSIS, DTS,** and security.
* **Microsoft Querying SQL Server 2012 (70-461)** certification exam passed in November 2015. Other **MCP** (Microsoft Certified Professional) exams passed.
* **VB Script** and some **Powershell** development. XML data loaders.
* C# .NET (ASP.NET, .aspx) development, Amazon AWS S3 and Cloudfront. SNMP, MSMQ (Microsoft Message Queue), Javascript, Control-M.

# ACHIEVEMENTS

* Wrote SQL code to extract AutoData data from Oracle, MS Dynamics CRM, and other SQL Server tables, to create merged datasets for export to Salesforce.
* Wrote new stored procedures for Five Guys’s intranet site to improve page load times from 11 seconds to under 0.2 seconds.
* Planned and implemented the successful upgrade of three major production systems for the Autotrader website from SQL Server 2000 to 2005.
* Successful implementation of Informatica Powercentre ETL software at ING to provide managed and audited loading of data into the SQL Data Warehouse.
* Transformed the SQL Server “Magenta” CMS (content management system) from a slow unreliable system into one that was very reliable, meeting all the users’ functional, performance, and documentation expectations.

# CAREER SUMMARY (in reverse chronological order)

## MUFG Securities (contract): August 2023 – June 2024. Two extensions.

* Development of SQL procedures to manage disputes of margin calls made to deals counterparties, and calculate the level of margin required at the end of day. Full release process to SVN, test evidence documents, builds with TeamCity, deployments with DA, and job scheduling with Control-M XML configuration.
Technical documentation and end user training.

## Allen & Overy LLC (contract): September 2022 – January 2023.

* Applications DBA. Support of “Carpe Diem” legal time booking application, “Open” and “3E” matter management software, all of which run on top of SQL Server. Creation of “Gett” matter data feed for taxi bookings. Support of “Integration Builder” ETL packages.

## OVO Energy (contract): May 2020 – December 2021. Five extensions.

* Wrote modular SQL and some python code in Databricks hosted on Microsoft Azure, to import customer and supply details from the database of a company that had been bought by Ovo Energy.
* Status tracking of customers being migrated, with manual and automated resolution of error cases and conditions. Daily liaison meetings between the teams involved across the two companies.

## SSE Energy (Smart Meter) (contract): July 2019 – January 2020.

* Developed code in Spark SQL on Azure Databricks to manage the online upgrade of customer SMETS1 smart meters. Streamsets and some python coding to manage inbound and outbound files to Azure BLOB storage. Power BI for reporting.
* SQL code to generate and manage daily archive copies of key tables.

## SSE Energy (GDPR) (contract): September – December 2018.

* SQL Server SSIS developer for the removal of customer-sensitive data from scheduled data import DTSX packages, for GDPR compliance. IBM Data Manager package editing and schema querying..

## Five Guys LLC (contract): October 2016 – May 2017. Two extensions.

* SQL DBA. Performance optimization, re-indexing, and authoring of SSIS packages to replace daily full data uploads with incremental uploads. Capacity load planning for SQL Server 2014.

## Premier Foods Ltd (contract): November 2015 – March 2016. One extension.

* SQL Server developer for a Cap Gemini to HP cloud-based servers migration and upgrade project. Identification of obsolete tables, stored procedures, and other no longer required objects.

## AutoData Ltd (contract): May 2013 – April 2015. Five extensions.

* SQL Developer for migration of data from two SQL Server 2008 accounts databases, and an Oracle database, to a bespoke Salesforce cloud-based solution. This involved several stages of data production, followed by assessment by the end users to identify outlier data values that needed separate treatment.

**BlueCrest Capital LLC** (contract): November 2011 – August 2012. Four extensions.

* SQL Server 2008 DBA and developer at this London hedge fund. Development of automated database restore processes, partition switching, mirroring.

**ING Investment Management** (Netherlands contract): June 2009 - January 2010.

* Administration of SQL Server 2008 & 2000 enterprise data warehouses and OLTP databases for analysis by fund managers.

**AutoTrader** (contract): January 2008 – January 2009. Four extensions.

* DBA support of four enterprise-level production SQL Server 2005 and 2000-based publishing content management systems. Three extensions.

**Teletext Ltd** (permanent): March 2002-August 2007.

* Lead expert on the SQL-Server-based multi-service teletext content management systems that provide teletext services on Freeview, Sky, and analogue TV.

# QUALIFICATIONS

1. **2023: Microsoft Power Platform Fundamentals (exam PL-900)**
2. **2022: Microsoft Azure Data Fundamentals (exam DP-900)**
3. **2015: MCP Querying Microsoft SQL Server 2012 (exam 70-461)**

**2008: MCTS in SQL Server 2005 Administration (exam 70-431)**
 (MCTS – Microsoft Certified Technical Specialist)

# EDUCATION

**MA Hons** Electrical & Info Sciences **Fitzwilliam College, University of Cambridge**

**3 A Levels** (Each at **grade A**): **Maths, Physics, Chemistry**