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| **Jim O’Hara – Azure Data Engineer / SQL Developer** |

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**Profile / Summary**

A Microsoft certified Azure Data Engineer with over 15 years of commercial experience using T-SQL and stored procedures. 18 months experience with Azure data pipelines, and 1 year of Synapse and Databricks. I am looking for a new position to use these skills within an Azure Dev Ops based environment.

**Key Skills**

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| * Azure Data Pipeline Development
* SQL / Data Warehouse Development
 | * SQL Stored Procedures
* Agile, Scrum and Kanban Methodologies
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**Recent Career Highlights**

* giffgaff required a solution to managing the growing number of SMS abusers using giffgaff SIM cards to send spam texts to thousands of people daily. Worked closely with the Head of Fraud Detection to pinpoint SMS spammers; defined technical requirements; designed and produced system to identify SMS abusers; implemented new solution which became a major tool for fraud detection. Introduced a robust system using test driven development which caught roughly 150 SMS abusers per day who were using Giffgaff to harass and spam people with unwanted text messages.
* Doctor Care Anywhere needed to replace a manual system of onboarding clients and validating files with a fully automated solution. I helped design and build a complete end to end solution using Synapse and Databricks, including a system to automatically generate test data including over 30 types of invalid data for specific test conditions. This system uses Databricks to validate content and Synapse to communicate status via email, web hook to Team Channels and FTP. This will allow DCA to fully serve over 150 customers including Amazon and Meta.

**Work Experience**

**Feb 2022 to Present: Doctor Care Anywhere: Azure Data Engineer**

Permanent position as an Azure Data Engineer utilizing Azure SQL Server, Data Factory, Synapse and Databricks to develop and maintain data pipelines for onboarding patient data into Dynamics 365. This position taught me Delta Live tables using medallion architecture as well as using Azure Dev Ops to properly deploy to production environments.

**July 2020 to Jan 2022: Rosslyn Data Technologies: Data Engineer**

Permanent position as a Data Engineer / ETL Developer utilizing Azure SQL Server and SSIS to develop and maintain data pipelines for spend analytics. Created data ingestion and transformation pipelines for a variety of data sources including SAP, Oracle and Sage for clients such as Sony, NBC/Universal Media and Coca-Cola.

**Nov 2006 to June 2020: Server Side Events Ltd: Data Warehouse Developer / Consultant**

I established Server Side Events Ltd to provide clients with a range of data warehouse and SQL development, data warehouse administration, systems migration, reporting solutions implementation and data warehouse consolidation. Over the past 13 years, I have supported leading clients across the telecoms, financial services, technology and local government sectors. Notable Assignments include:

* **giffgaff** 06/2018 to 10/2019:Engaged as Data Warehouse Developer to administer/develop SQL Server data warehouse which held all call data records and financial information for the company including 130 data sources and 13m new records daily. Responsible for supporting planning and development for migration to Snowflake and Redshift, developing system to find SMS abusers and to support fraud detection, and completing a POC of Data Transformation using DBT and Snowflake. Utilised Agile and Kanban development methodologies. Contract extended 4 times.
* **MarketAxess/TRAX** 06/2015 to 04/2018**:** Engaged as SQL Developer to provide large datasets of trade data to major banks to facilitate FCA disclosure. This involved creating SSIS packages to facilitate export in different formats, creating daily SSRS reports based on Oracle and SQL Server and writing complex queries against MiFID II trade data. Reduced ticket resolution time from 3 days to less than one day.
* **RCI Financial Services** 10/2014 to 05/2015**:** Engaged as SQL/Data Warehouse Developer to develop and support 3 data warehouses used by internal users and car dealerships throughout the UK, Slovenia and Morocco. Responsible for user support, ad hoc query and database development for SQL Server and Sybase, managing complex ETL processes and delivering a business-critical SSAS cube based reporting system.
* **Visa Europe** 05/2008 to 07/2014:Engaged as Developer to lead SQL development and report configuration for a major transaction analysis tool used by the operation support desk to investigate problems with the Visa transaction processing system. Worked closely with Business Analysts to create user stories ad support deployment to test, QA and production environment. In addition, managed the complete development of authentication system for the main extranet using web services, ASP.Net, XML and XSLT.

**Early Career / Assignments Summary**

08/2007 to 11/2007: Siemens Internet Services: Team Leader / Developer on BBC iPlayer development team

02/2007 to 06/2007 and 01/2008 to 03/2008: Hampshire County Council: ASP.Net Developer

05/2006 to 02/2007: iBuyTV (Auction TV) ASP.Net Developer

**Certifications**

* Microsoft Azure Fundamentals (AZ-900): January 2020
* Microsoft Certified Azure Data Engineer Associate February 2020, re-certified Feb 2022
	+ DP-200 Implementing an Azure Data Solution (including Azure Synapse and Data Factory)
	+ DP-201 Designing an Azure Data Solution
* Hands On Snowflake - WebUI Essentials

**Technical Skills Used Commercially**

* Azure Synapse, Azure Data Factory, Databricks , Delta Live Tables, Data Lakes, Dynamics 365, DevOps

SQL Server, all versions from 6.5 to Azure SQL Database; SQL Server Data Tools for Visual Studio; T-SQL; Stored Procedures; SQL Server Integration Services; ETL; Pyspark, Python; Sybase; Oracle; C#; XML; XSLT; ASP.Net; Agile; Web Services; SSIS; SSRS; Git; Snowflake; DBT; Redshift; Visual Cron

**Professional Training and Education**

* Snowflake Essentials – Cloud Data Warehouse: Udemy: Oct 2019
* SSIS Design Patterns for Data Warehousing: Pluralsight: 2015
* Bachelor of Arts Major in Political Science (GPA 3.6/4.0): University of North Carolina, USA

**Personal Information**

Address: Twickenham / London / Thames Valley / South East

Citizenship: UK

Basic DBS Certificate Issued 31 Jan 2020