

Sai Datla (Data Engineer)

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SC Cleared (CTC)

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PROFESSIONAL SUMMARY

I am a highly motivated and professionally trained **SQL Developer / Data Engineer** with **Over 11+ years** of Experience in development and administration of TSQL, SQL Server Integration, Reporting Services, and problem-solving capabilities, seeking a position within the sector where specialised skills and abilities be used.

TECHNICAL SKILLS

Software tools	Visual Studio, SSMS, Azure Data Studio
Languages	SQL, Python
Integration Tools	SSIS, Qlik Replicate, Azure Data Factory, Azure Data Bricks
BI Reporting tools	SSRS, Power BI, Tableau, Cognos
Data Platforms	Insurance, Council, Social Healthcare and Retail, Lloyd's of London
Server Platforms	On-Premises & Azure cloud

AREAS OF EXPERTISE

- Hands on Experience in SQL server **development and Administration** on on-premise and azure.
- Extensively uses complex Tsql scripting and SSIS packages, Azure data factory for extraction of data from multiple external sources such as **Json files, Csv's** and other third-party applications.
- Developed and implemented DWH strategies on on-premises and in Cloud.
- Experience working on **DevOps** for deploying packages from one environment to another.
- **Query Optimization.** Improving the performance of stored procedures/reports, creating/rebuilding indexes by checking the de-fragmented indexes and maintaining database Schema.
- Hands on Experience in developing, monitoring, extracting, and transforming data using Azure Data Factory, SSIS, Import Export Wizard.
- Expertise working on different version control tools and awareness of modern code deployment methods (CI/CD).
- Expertise in creating **Indexing Strategies** and maintaining them on regular basis.
- Hands on experience in **creating stored procedures, views, triggers, and constraints** to implement database consistency and integrity.
- **Database migrations** for SQL 2005 to SQL Server 2008 R2, SQL Server 2008 R2 to SQL Server 2016 and higher versions for both in house developed applications and Third-Party applications like Access Dimensions for Finance, Tested and implemented successfully.
- Provide **support to application users** for issues, including difficulties accessing database or acquiring data from database server.
- Creating and monitoring different **HA/DR** techniques on regular basis as per the requirements.
- Hands on expertise in creating **Mirroring, Replication, Log shipping and AOAG.**
- Data de-dupe cleansing and set up data retention for **GDPR implementation.**

PROFESSIONAL EXPERIENCE

Sql Data Engineer, at KBR

12/2023 – Present

Project: Migration activity for **Department of Work and Pensions**

Responsibilities:

- Working as SQL Server SME for this entire migration project including development and administration.
- Design, implement, automate and maintain large scale enterprise data ETL / ELT processes to support stakeholders such as BI and Reporting teams.
- Developed and Migrated **DWH** from On-premise to Azure Cloud environment.
- Extensively used ADF and Data bricks to replace SSIS packages and Tsql jobs loading the **DWH**.
- Gathering requirements from stake holders, design, build, and maintain scalable and reliable data pipelines.
- Monitor and troubleshoot data pipelines to ensure data quality and integrity.
- Performing analysis for creating Backup Strategies on Multiple SQL servers.
- Making efficient use of resources on sql server services to extract and query databases of over 3TB.
- Provide expert support in the use of querying, reporting and analysis tools and answering queries regarding any issues with data extracts and data management processes.
- Monitoring the performance of SQL servers and identifying the processes taking long time and tuning them wherever required.
- Migrating SQL servers from On-premises to Azure Iaas and Paas systems
- Filter and cleanse the raw data with reference to company standards and making available on reporting environments.
- Expertise in Data Migration schemes. Created workflows using SSIS and TSql Scripts accordingly to gather data into database objects.

Azure Data Engineer, at Davies Group Limited

05/2023 – 11/2023

Project : Bournemouth Christchurch & Poole Council Data Migration Project.

BCP council wanted to establish an enterprise grade automation platform which involves migration of Care Director Data in SQL to Oracle environment with support from Mosaic. My role involved in looking after creating pipelines using Tql and SSIS that help Mosaic to transfer data onto Mosaic Environment.

Sql Server Development DBA, at Atlanta Insurance Limited

03/2016 – 04/2023

Sql Data Developer, at DB Technologies Limited

06/2014 – 03/2016

Sql Developer, at Voltas Limited

06/2012 – 05/2014

REFERENCES: References are available on request.