

KUSHWAH ANUJ

Data Engineer / Analyst & Business Intelligence Consultant



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Job Objective

Seeking a Senior Data Engineer position to leverage extensive experience and advanced skills in data architecture, ETL processes, and big data technologies. The goal is to lead impactful projects and drive innovation by collaborating with cross-functional teams. Aim to design and implement scalable data solutions, optimize data pipelines, and deliver actionable insights that drive business growth and success.

Profile Summary

- **Determined IT Professional with over 9 years of exposure** in working on large datasets to determine characteristics, select visualizations and transform data into visualizations for representing easy-to-consume visuals to facilitate business decisions.
- **Advanced BI acumen and proven ability** to develop, maintain, and manage advanced reporting, analytics, dashboards, and other BI solutions for esteemed clients.
- **Remarkable proficiency** in developing, running, and enhancing the SQL queries, procedures, functions, views, and triggers as well as setting up data security, managing redundancy solutions, and reviewing SQL queries for performance improvement.
- **Skilled** in connecting to data sources, importing data, and transforming data for Business Intelligence. Strong credentials in PowerBI development and administration.

Career Highlights:

- Certificate of Achievement for exemplary performance & contribution to your project leading to customer satisfaction.
- Certificate of Appreciation for tremendous efforts in providing immense support, career guidance, and a helping hand to young learners. A strong 'Pillar of Support - A Mentor' in FY'22.

Core Competencies

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|---------------------------------|---------------------------------|----------------------|
| Data Engineering | Data Modelling & Integration | Databricks/Snowflake |
| Azure Data Pipeline Development | Data Processing / Migration | Business Analysis |
| SQL Development | Requirement Gathering | Power BI Development |
| Data Architecture | Data Factory / Synapse Pipeline | |

Technical Skills

- **Databases:** SQL Server 2014/2012/2008/2008 R2/2005, Oracle 8i, and MySQL
- **Database Tools:** SQL Server Management Studio, Performance Monitor, Query Analyzer, Query Optimizer, SQL Profiler, Power BI, Azure Data Factory, Microsoft SSIS, SQL, SQL Server Reporting Services (SSRS), SSIS, Tableau, and Power BI
- **Change Management Tools:** GitHub, Devops, Tortoise SVN, Visual Source Safe (VSS), and Team Foundation Server (TFS)
- **Operating Systems:** Windows Server 2000/2003/2008/2012, MS-DOS, Unix, and Linux.
- **Data Modeling Tools:** Visio, Erwin, Red Gate, and Lite Speed
- **Languages:** T-SQL, PySpark & Databricks SQL,
- **Cloud Technologies:** Microsoft Fabric, Azure Data Factory, Databricks, Synapse Analytics, Stream Analytics, Logic Apps, Azure Devops

Certifications

- Databricks Certified Databricks Data Engineer Associate
- DP 203: Microsoft Certified: Azure Data Engineer Associate
- DP 900: Microsoft Certified: Azure Data Fundamentals
- Academy Accreditation - Databricks Lakehouse Fundamentals
- ITIL Foundation Certificate - AXELOS Global Best Practice, GR750337948AS
- Exam 461: Querying Microsoft SQL Server 2012/2014

Work Experience

Senior Associate- Project | Cognizant Technology Solutions India Limited (Pune) | Since Aug'23

Project Name: Barry-Callebaut

Role: Data Engineer – Databricks/Synapse Analytics

KRA:

- As Data Engineer conducted system analysis, requirements collecting, and business flow understanding for RFP for Barry-Callebaut Project
- Developed and managed Azure Data Factory pipelines that extracted data from various data sources such as SAP Hana, SAP Table, JSON, TSV, CSV Single Line JSON, Multi Line JSON, transformed it according to business rules, using SQL Serverless Pool & PySpark scripts that utilized PySpark into an Azure SQL database & Databricks Schemas
- Provisioned Storage Account and databricks workspace using Unity Catalog
- Created managed & external delta tables for multiple source in the Delta Lake in Databricks SQL
- Created Delta Live Table Pipelines, Auto Loader, DQ checks, CDCs (SCD type 1 & 2)
- Created Job Workflows and various data orchestration patterns in databricks and Synapse Pipelines
- Designed and developed ETL frameworks using Synapse Analytics and Azure DataBricks.
- Created databricks notebooks for performing data cleansing to load data in bronze, silver and gold layer
- Implemented dimension and fact data modelling and datawarehousing in Databricks BI
- Working with Azure BLOB and Data Lake storage Gen2 for loading data into Azure SQL Synapse (DW) and Databricks DB.
- Ingested and transformed source data from SAP Hana, SAP Table, SAP Ariba, Salesforce using Data flows and Synapse Notebook
- Created Data Bricks notebooks for performing complex transformations and integrated them as activities in ADF pipelines & Workflows
- Written complex SQL queries for data analysis and extraction of data in required format.
- Implemented source control for Azure Data Factory pipelines utilizing Azure Repos.
- Worked with CI/CD pipelines using Azure DevOps.
- Working in Azure Development on Azure Storage Account, Azure SQL Database, Azure Virtual Machines, Azure AD
- Implement continuous integration and continuous delivery process using Azure DevOps GIT along with python and shell scripts to automate routine jobs, which includes synchronize installers, configuration modules, packages, and requirements for the applications.

Specialist- Data Engineering | Larsen & Toubro InfoTech (Mumbai & Pune) | May'21-Jul'23

Project Name: Assured Partners LLC (Insurance Brokers Portfolio Domain)

Role: BI-ETL Consultant & Azure Data Factory Developer

KRA:

- **Data Pipelines:** Handled multiple data load pipelines. Contribute to designing, implementing, and managing multiple data load pipelines across the organization.
- **Azure Pipeline:** Built and handled the Azure ADF pipelines to migrate data from SFTP to Azure Data Lake Gen2 and then to Azure Data Warehouse.
- **Azure Data Factory:** Prepared the copy, lookup activity, pipeline, and stored procedure activities in ADF. Formulated the linked services, data sets, pipelines, and triggers in the Azure data factory. Set up the data factories in Azure Data Factory.
- **Datasets:** Developed the datasets like file services and Azure data lake gen2. Developed multiple data sets in Azure and worked in the migration of SQL Server 2008 to SQL Server 2019. Oversaw the development and utilization of ADF Data Sets
- **Data Loading:** Loaded data into different layers maintained in the Azure data factory. Build the integration runtime to load data from on-premises. Set up and handled the pipelines to copy the data from source to destination in Azure Data Factory
- **Data Migration:** Moved data from sources to the destination through ADF V1. Migrate the CSV files from Azure blob to SQL Server. Moved data from OLTP to OLAP systems using scheduled jobs & stored procedures by preparing the SSIS packages.
- **Data Transformation:** Utilize ADF for transforming data in Azure Data Factory
- **T-SQL:** Prepared user functions, views, indexes, user profiles, relational database models, and data dictionaries using T-SQL.
- **DDL & DML:** Worked on the DDL and DML for authoring the triggers, storing procedures, and manipulating the overall data.
- **SQL Queries:** Held responsible for conducting the SQL query and storing the procedure performance tuning using SQL Profiler and Index Tuning Wizard.
- **Stored Procedures:** Formulated the stored procedures utilizing CTE and UDF functions. The complex development of T-SQL queries, CTE, and stored procedures.
- **Power BI Reporting:** Developed the Power BI Report views as well as design-oriented Power BI reports for Data Stories.

Highlight:

- Actively involved in the first migration from SSRS Report to Snowflake and re-point to run over Snowflake Account.

Sr. Software Engineer – Development | CitiusTech (Mumbai) | Oct'19-Apr'21

Project Name: CT-MRR (Medical Record Review)

Role: MSBI & ETL Developer

KRA:

- Written SQL queries, functions, CTE, and sub-queries for stored procedures.
- Resolved significant production concerns, including urgent investigations. Drove transformation activities such as lookup, derived column, condition split, union all, copy column, aggregate, and audit transformation to update and modify existing packages.
- Managed ETL load levels, including data extraction from the source system to staging and production database table loading.
- Worked extensively with SQL Server Integration Services (SSIS), extracting data from 8 sources and loading it into a data warehouse after applying business logic and profiling. Improved SQL Server Query to meet management reporting needs.
- Utilised Excel and SQL Server to organise and format client files. Supported production deployment per business needs.
- Documented SSIS package deployment and execution method for self-service.
- Maintained compliance and governance metrics and followed processes.

Senior Software Engineer | Mastek Limited (Mumbai) | Oct'18-Sept'19

Project Name: Grosvener and CQM

Role: BI-SSRS/SSIS Developer

KRA:

- Joined in UK based Data Warehousing Project which was an SSRS development and maintenance project
- Worked on SSIS 2012/2014/2016 Package Development as a report developer.
- Created complex reports in Power BI and SSRS, including Tabular, Matrix, and parameterized reports, using reporting services to meet business requests and ad hoc requirements. Created SQL queries, CTE, and sub-queries for Stored Procedures and reports.
- Implemented business logic using Views, Stored Procedures, and table-valued functions.
- Conducted UAT, cleanse, de-duplicate, and format client files using Excel and SQL Server.

Associate Consultant | Capgemini Technology Services India Limited (Mumbai) | Jan'15-Oct'18

Project Name: POSTEN-BRING & Telia-Sonera - eDWM (Telecom Domain)

Role: SSIS Developer

KRA:

- Joined in Norway & Sweden based Data warehousing project which was a development and maintenance project
- Conducted system analysis, data warehouse architecture, requirements collecting, and business flow understanding.
- Developed functional requirements and mapped technical specifications accordingly.
- Performed ETL Loads, including extracting data from Source System to Staging and loading it into Production Database Tables.
- Designed, updated, and modified packages utilizing Data Flow Tasks and SQL tasks.
- Worked on the SQL Server Integration Services (SSIS) – Extracted data from 8 sources and loaded it into a data warehouse using business logic. Developed SQL Server Query for manager reporting needs.
- Cleaned, de-duplicated, and formatted client files using Excel and SQL Server.
- Created Parameterized Queries for SSRS 2012 Tabular generation.

Internships

- Internship Trainee | SEED InfoTech Ltd | Mar'14 – Apr'14
- Summer Intern | Infosys campus connect | Jan'12 – May'12
- Student Trainee | Nettech Private Limited | Jun'11 – Aug'11

Education

Bachelor of Technology in Computer Engineering from Rajasthan Technical University, India in [2013](#)

Trainings

- Trained on Microsoft Azure Cloud offerings, especially for data engineering work (vis. MS Azure Data Factory, Data Warehouse, Azure batch, Data Lake Analytics, HDInsight, Azure Databricks, SQL Server)
- Microsoft Business Intelligence Analyst – Edureka TNX7DMTS
- Business Analyst using Power BI Edureka FSP9E9QP

Personal Details

Date of Birth: 28th Mar 1990

Languages Known: English and Hindi

Driving License: Indian

Location: Jaipur, Rajasthan 302004

Nationality: Indian

Passport No.: Z6288091 valid till Sept 2031