Kalyan Kumar

Email: kalyankumar1913@gmail.com   **Phone: 07776778495**   **Location: London**

- 5+ years of overall experience as Data Engineer, Data Analyst and BI developer, comprises designing, development and implementation of data models for enterprise - level application.
- Have excellent skills in DWH, RDBMS, Multi-Dimensional database, Star and Snowflake Schema design, Data Migration, System & Data Integration, Reporting, Analysis and Data Management.
- Hands on experience with Azure data services such as ADF, Synapses, Data Bricks, Azure SQL DWH, ADLS, Logic Apps, Event Hubs, DevOps and Azure Data Catalog services.
- Proficient in leveraging advanced analytics techniques and visualization tools Tableau, SSRS, Qlik, Power BI, Looker to transform complex datasets into actionable reports and dashboards.
- Extensive experience with Snowflake, Azure cloud data platform for data warehousing and secure data sharing, optimizing SQL queries and leveraging performance tuning capabilities.
- Excellent written, presentation and verbal communication skills, has clear understanding of business procedure and ability to work as an individual and as a part of a team.

Technical Skills

BI	Looker, Power BI, Qlik, SSRS, Tableau
Cloud	Azure, Snowflake, AWS
Data Warehouses	SQL Server, MySQL, Oracle, Postgres, MongoDB
ETL	ADF, Databricks, Synapses, SSIS, Alteryx
Languages	SQL, Python

Professional Work Experience

Worked for Churchill, DEC 22 – Till date
Roles & Responsibilities

- Led requirements gathering and documentation processes in Confluence, collaborating with Product Delivery Managers and Business users for clear project scope and objectives.
- Worked on Azure Functions, Azure Logic Apps, and Azure Data bricks, Azure Event hub, Azure Stream Analytics, Azure Analytical Services to preform and process real-time streaming data.
- Design & implement migration strategies for traditional systems on Azure, using Azure SQLd DWH, ADLS, ADF, Azure Service Bus, key Vault, AAS, Blob, Azure App Service, data Platform Services.
- configured Spark Streaming to receive real time data from the Apache Kafka and store the stream data to ADLS using spark-SQL with various data format like JSON, Parquet, .XML.
- Designed and developed batch, real-time, and near real-time solutions to process data from third-party suppliers on Azure Cloud, utilizing Event Grid, Databricks, and ADLS.
- Managed and optimized Spark Databricks clusters, estimating cluster size and providing monitoring and troubleshooting support to ensure smooth data processing operations.
- Implemented various parameterized ADF pipelines, and dataflows using various activities.
- Integrated CI/CD pipelines with GitHub Actions for automated testing and deployment, alongside designing, developing, and automating ETL processes using Azure DevOps.
- Conducted training sessions for internal stakeholders, facilitated Integration with enterprise systems using APIs for scalability and resilience, ensuring efficient data quality audits and ETL.

- Transformed data into user-friendly reports to give business users a complete view of their business using Power BI, Power Query, Power Automate, Power Apps, DAX, and RLS.

Worked for Revolut, Nov21 – Sep22

Roles & Responsibilities

- Involved in Peer review & requirement gatherings on BRD, Functional spec and technical specs.
- Worked on azure services like key Vault, Active Directory Authentication while establishing a connection with ADF, Data bricks and to save and store source and target DB credentials.
- Demonstrated and written Python scripts for developing scalable, event-driven data in real-time, alongside writing SQL statements to meet specific business logic requirements.
- Implemented data quality checks and validation rules in Python and Databricks, ADF pipelines and data flows ensuring data accuracy and completeness throughout the data pipeline.
- Worked on GitHub for version control and collaboration pipelines, and DevOps for automation.
- Integrated Azure Data Factory pipelines and Databricks notebooks with Azure Logic Apps for orchestrating complex data workflows and triggering actions based on specific events.
- Utilized Terraform to automate infrastructure provisioning and management, ensuring consistent and reproducible deployments in an Azure environment.
- Integrated Power BI with Azure Synapses Analysis Services for creating interactive dashboards, real time streaming analysis and reports, enabling self-service analytics for business users.
- Implemented cross-filtering and cross-highlighting in Power BI models to create interactive and interconnected visuals for a seamless user experience, and provide data insights.
- Using a query editor in Power BI performed certain operations like0020fetching data from different files and documented data analysis, Data validation, and Data Mapping/Design.

Worked for PWC Finance, June20 – Nov 21

Roles & Responsibilities

- Collaborated with Users, data scientists and analysts to understand data requirements and provided support in transforming complex business logic into efficient ETL processes.
- Orchestrated data pipelines in Azure Data Factory for seamless ETL processes, leveraging linked services and datasets, with a focus on maintaining data integrity and optimizing performance.
- Implemented data replication and synchronization strategies between Snowflake and other data platforms using ADF, Python and Change Data Capture techniques.
- Leveraged Power Query, Query folding features in Power BI to organize and clean up data models efficiently. This helped improve the quality and consistency of data.
- Created dashboards in Power BI according to user specifications and prepared stories to provide an understandable and helpful vision, Migrated SSRS and Excel reports into Power BI.
- Utilized various DAX functions such as Filter, Relative, Date, Time Intelligence, Logical, statistical, etc., for comprehensive data modeling and data extractions in Power BI.
- Developed, implemented, and customized reporting using Power BI, Tableau and SSRS.
- Worked Power BI services, Tableau server admin activities to create Projects, workspace, and publish the reports, and automate report datasets, restrict user access using RLS.
- Create Workspace, Content packs, Gateways, and other admin activities such as providing different level access based on the user profile, and Row Level Security.

- Configured security measures within Dataverse and Dynamics 365, managing user roles and permissions to protect sensitive data and ensure compliance with privacy standards.

Worked for Indegene Pharmaceutical July19 – June20

Roles & Responsibilities

- Collaborated with cross-functional teams and users to gather the requirements to design and optimize data models, enabling faster and more accurate DWH, BI reporting needs.
- Worked on Star and Snowflake schema, written advanced SQL statements to create CTEs, Views, Indexing, and pivoting for data transformation to meet analytical and reporting requirements.
- Conducted data profiling and data analysis to identify data inconsistencies, gaps, lineages, constraint failures leading to improved data quality, availability, and reliability.
- Facilitated production ad-hoc and parameter driven reports using Microsoft T-SQL, SSRS and communicated project status to management as well as clients on a regular basis.
- Designed complex data-intensive reports in Tableau, SSRS, Power BI utilizing various graph features and user interface options to add dynamism to the reports.
- Utilized Power Query in Power BI to Pivot and Un-pivot the model for data cleansing and data orchestration, and MDX and DAX to extract variables, columns, and measures.
- Worked on Alteryx designer to build workflows for data transformations and used Alteryx scheduler to automate workflows, and Alteryx Gallery for user to upload the data into flows.
- Implemented SQL constraints, data quality test cases to enforce data integrity rules, aligning with the accuracy and reliability requirements of Power BI, SSRS reporting.

Worked for Pine Labs, Nov18 - July19

Roles & Responsibilities

- I collaborated closely with cross-functional teams to gather and analyze business requirements.
- Conducted data validation, cleansing, and transformation processes, leveraging the power of SSIS packages SSRS reports and SQL scripts to ensure data accuracy and integrity.
- Performed database transfers, integrity verification, data cleansing, analysis, and interpretation. Developed, configured, and deployed SSIS packages across Dev and prod environments.
- Created reports SSIS packages, and utilized SSIS output in SSRS, Excel services, and Power BI and deployed them on SharePoint Server as per business requirements.
- Created self-service reports using SSRS, Tableau and Power BI according to user specifications and prepared stories to provide an data insights and recommendations.
- Designed SSIS packages to extract data from different sources like SQL server 2012, MS Excel, transform and then load into Dimension and Fact tables in Data Warehouse using SSIS.
- Designed stored procedures, queries and views as necessary. Extensively use joints and sub-queries for complex queries which involved multiple tables from different databases.