

Aniket Chillarge

Azure Data Engineer

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Skills

Azure Data Factory



Azure Databricks



Azure Synapse



Azure SQL DW



PySpark



Python



SQL Server



Power BI



SSIS



SSRS



Logic Apps



Data Modeling



Azure Functions



Azure Services



Professional Summary

- Azure Data Engineer with **5.5+ years** of IT experience, specializing in Azure Data Factory, Azure Data Lake Storage, Azure Databricks, PySpark, Spark SQL, Logic Apps, Synapse Analytics, and Power BI.
- Hands-on expertise in building ADF pipelines using Linked Services, Datasets, Dataflows, and Pipelines to extract, transform, and load data from diverse sources such as Azure SQL Database, Blob Storage, and On-Prem SQL Server.
- Extensive experience in ETL/ELT design and development, leveraging ADF, Databricks, PySpark, and Spark SQL for ingestion, cleansing, transformation, and aggregation of large-scale datasets.
- Proficient in data extraction, schema management, corrupt record handling, and performance tuning of ETL processes; skilled in automation and orchestration of pipelines.
- Strong working knowledge of Azure Databricks for advanced transformations, Python & PySpark scripting, and SQL development (stored procedures, functions, performance tuning).
- Experienced in data modeling, star/snowflake schema design and SQL optimization for analytical workloads.
- Skilled in Power BI development: data import from multiple sources (SQL Server, Excel, flat files), data modeling, DAX calculations, hierarchies, and interactive dashboards for business insights.
- Adept in scheduling, monitoring, and automation of data workflows; ensuring reliability and performance of data pipelines.
- Knowledgeable in Agile methodologies, actively participated in daily stand-ups, sprint planning, reviews, and retrospectives for smooth project execution.
- Hands-on experience with Apache Spark UI for debugging failed jobs, identifying data skew, optimizing partitions, and improving Databricks job performance

Employment History

- **Azure Data Engineer (Trends Infonet Solution Pvt Ltd.)**
Jun 2022 — Present.
- **Associate Software Engineer (Trends infonet Solution Pvt. Ltd)**
Aug 2020 — Apr 2022

Education

- **Bachelor's Degree, SRTMU. (2018 – 2022)**

Project Experience:

Project 3:

Client: Sanofi

Role: Azure Data Engineer

Technical Skills: Azure Data Factory, Azure Databricks, Azure Synapse, PySpark, Fabric, Azure SQL, SQL Server, Python, ADLS.

Duration: Oct 2023 to Present.

Roles and Responsibilities:

- Designed and developed end-to-end ETL/ELT pipelines in Azure Data Factory (ADF) to ingest and transform large volumes of pharmaceutical, R&D, and clinical trial data from multiple global sources.
- Utilized Azure Databricks with PySpark for advanced data transformation, cleansing, and harmonization of research, patient, and production datasets.
- Implemented data warehousing solutions in Azure Synapse Analytics, optimizing data models for analytical and regulatory reporting requirements.
- Developed data pipelines using Microsoft Fabric to ingest and transform data from multiple sources.
- Gained hands-on experience with Microsoft Fabric components, including Data Factory and data warehousing.
- Managed structured and unstructured data in Azure Data Lake Storage (ADLS Gen2) with proper folder hierarchy, partitioning, and access control.
- Developed and optimized T-SQL scripts, stored procedures, and views in Azure SQL and SQL Server to support business reporting and analytics.
- Integrated Python scripts within Databricks notebooks for machine learning data preparation, quality validation, and statistical analysis.
- Collaborated with data scientists, analysts, and domain experts to deliver curated datasets supporting drug development insights, sales forecasting, and supply chain analytics.
- Ensured data governance, security, and compliance with GxP and GDPR standards, implementing role-based access, encryption, and data lineage tracking.
- Improved pipeline performance and scalability through parameterization, partitioning, and parallel processing in ADF and Databricks.
- Supported CI/CD automation using Azure DevOps and Git for version control, automated testing, and seamless deployment across environments.
- Conducted data validation, profiling, and quality audits to ensure accuracy, completeness, and consistency across critical pharma datasets.
- Participated in architecture design reviews and performance tuning sessions to enhance data pipeline efficiency and resource utilization in Azure Databricks and Synapse.
- Created and maintained comprehensive technical documentation, including data flow diagrams, pipeline specifications, and operational runbooks for audit and compliance readiness.

Project 2:

Client: Star Life Insurance

Role: Azure Data Engineer

Technical Skills: Azure Data Factory, Azure Databricks, PySpark, SQL Server, Power BI.

Duration: Oct 2021 to Sep 2023.

Roles and Responsibilities:

- Designed and developed scalable ETL/ELT pipelines in Azure Data Factory (ADF) to ingest and transform policy, claims, and customer data from multiple insurance applications.
- Utilized Azure Databricks with PySpark for large-scale data transformation, cleansing, and enrichment of structured and semi-structured insurance data.
- Integrated data from on-premises SQL Server into Azure Data Lake and Synapse for centralized analytics and reporting.

- Developed and optimized T-SQL queries, stored procedures, and views in SQL Server for reporting and analytical requirements.
- Built and maintained Power BI dashboards and reports to provide business insights into policy performance, claim ratios, and customer retention metrics.
- Collaborated with business analysts and actuaries to translate insurance data requirements into technical data models and analytical datasets.
- Implemented data quality and validation frameworks within ADF and Databricks to ensure the accuracy and reliability of data used in decision-making.
- Automated data ingestion workflows using triggers, parameters, and pipeline orchestration in ADF for seamless daily data refresh.
- Worked closely with cross-functional teams to develop curated data layers for Power BI, supporting financial and operational reporting needs.
- Ensured data governance, privacy, and compliance with insurance industry standards and regulations by leveraging Azure Key Vault and RBAC policies.
- Performed pipeline performance tuning and cost optimization in ADF and Databricks to enhance data processing efficiency.
- Supported CI/CD implementation using Azure DevOps, enabling version control, automated testing, and deployment of ADF and Databricks artifacts.
- Prepared technical documentation and operational support guides, ensuring smooth maintenance, knowledge transfer, and audit readiness.

Project 1:

Client: Shopper's Stop

Role: SQL Developer

Technical Skills: SQL Server, Power BI, SSIS, SSRS.

Duration: Aug 2020 to Sep 2021.

Roles and Responsibilities:

- Designed and developed ETL workflows using SSIS to extract, transform, and load retail sales, inventory, and customer data from various operational systems into SQL Server databases.
- Created and optimized T-SQL queries, stored procedures, views, and functions for data aggregation, cleansing, and reporting.
- Developed and deployed SSRS reports for sales analysis, inventory management, and customer loyalty tracking across multiple retail stores.
- Built interactive Power BI dashboards to visualize key business KPIs such as sales trends, category performance, and customer behavior analytics.
- Collaborated with business stakeholders to gather reporting and analytics requirements, translating them into technical data models and BI solutions.
- Implemented incremental data loads and change data capture (CDC) mechanisms in SSIS to improve data freshness and pipeline performance.
- Ensured data accuracy, consistency, and completeness through validation checks, reconciliation processes, and automated data quality measures.
- Optimized SQL Server database performance by tuning queries, indexing, and partitioning large retail transaction tables.
- Supported ad-hoc data analysis requests from marketing, merchandising, and finance teams using SQL and Power BI datasets.
- Integrated Power BI with SQL Server and SSRS to deliver consolidated retail reporting and real-time analytics.
- Ensured data security and access control by implementing role-based permissions and encryption for sensitive customer and sales data.
- Participated in UAT, production deployments, and issue resolution, ensuring data reliability and timely delivery of reports.