

Anitha s

Azure Data Engineer

My Contact

✉ anithareddy1856@gmail.com

☎ +91 9036419271

📍 Bengaluru, India

ETL & Analytics Tools

- Azure Databricks
- Azure Data Factory
- Azure Synapse
- Azure Datalake

Databases

- Microsoft SQL Server
- Azure SQL Database
- Azure Data Explorer (Kusto)
- Azure Cosmos DB

Reporting Tools

- Power BI

Utilities

- SQL server
- SSIS
- SSRS

Programming Languages

- Python
- Spark SQL
- PySpark

Professional Summary

- Having 5.4 Years of total IT experience primarily skilled in Microsoft SQL Server Design and Development, Azure Data Engineering – Azure Data Factory, Data Bricks, SQL.
- Implementing data models and ETL pipelines to integrate data from various sources into the data platform.
- Developed ETL pipelines using Azure Data Factory to extract data from various sources and load them into the data warehouse.
- Developed and maintained data pipelines using Azure services resulting in increase in data processing speed.
- Transforming the business requirements into technical publications.
- Experience in creating ADF Pipelines to handle the ETL, Designing and deploying solutions for data-ingestion using cloud native services like Azure Data Factory, Azure Key vault, Azure Data Lake Storage (GEN2), Azure Blob and Azure SQL ELT Activities in Azure Environment.
- Design & Developing Data Bricks notebooks for Huge Data Analytics.
- Using the Azure Logic Apps, Microsoft Power Automate Flows and lens Jobs to automate the ETL requirements.
- Experience in Database design and development with SQL Server.
- Excellent knowledge in Data Warehousing Concepts and testing at various levels.
- Strong analytical and problem-solving skills, Excellent communication and Presentation skills.
- Good knowledge in both Waterfall and Agile model projects.

Professional Experience

- Feb 2024 – Till Date Data Engineer, Starlite Infotech Limited.
- May 2023 – Jan 2024 Software Engineer, Six Sigma Soft Solutions Pvt Ltd.
- Jun 2020 – Apr 2023 Associate Analyst, Clinet IT Solution Pvt Ltd.

Project Experience

Project 4:

Client: Biocon

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

Role: Azure Data Engineer

Duration: Feb 2024 to till date

Description:

Worked on designing and implementing an end-to-end Azure Data Platform for Biocon to manage clinical trial, R&D, and supply chain data. Developed ETL pipelines in Azure Data Factory to ingest data from on-premises SQL Server, APIs, and flat files into Azure Data Lake Storage (ADLS).

Roles and Responsibilities:

- Design, develop, and maintain ETL/ELT pipelines using Azure Data Factory for seamless data ingestion and transformation.
- Develop data processing and analytics workflows using Azure Databricks and PySpark.
- Build and maintain data warehouses in Azure Synapse Analytics to support reporting and analytics.
- Write optimized SQL queries, stored procedures, and functions in SQL Server for data retrieval and analysis.
- Automate data transformation and processing tasks using Python scripts.
- Perform data validation, cleansing, and quality checks to ensure high-quality datasets.
- Collaborate with business stakeholders and technical teams to translate requirements into efficient data solutions.
- Monitor, troubleshoot, and optimize data pipelines and workflows for performance and reliability.
- Implement incremental and batch data loading strategies to optimize ETL operations.
- Ensure data security, governance, and compliance across all cloud and on-premises data systems.
- Support data migration projects from on-premises systems to Azure cloud platforms.
- Optimize PySpark and SQL workflows for high-volume and large-scale data processing.
- Implement data partitioning, indexing, and performance tuning in Azure Synapse and SQL Server.
- Develop reusable templates, scripts, and parameterized pipelines to standardize ETL processes.
- Collaborate with BI teams to provide prepared datasets for Power BI dashboards and reports.

Project 3:

Client: Novartis

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

Role: Azure Data Engineer

Duration: May 2023 to Jan 2024

Description:

Worked on implementing a cloud-based data platform on Azure to streamline Novartis' clinical trials, R&D, and sales data. Designed and developed end-to-end ETL pipelines using Azure Data Factory to ingest, transform, and store data from SQL Server, APIs, and flat files into Azure Data Lake Storage (ADLS) .

Roles and Responsibilities:

- Designed and developed end-to-end ETL pipelines in Azure Data Factory (ADF) to ingest clinical trial, R&D, and sales data from SQL Server, APIs, and flat files.
- Developed PySpark scripts in Azure Databricks for data cleansing, transformation, and aggregation of large-scale structured and semi-structured datasets.
- Implemented incremental data load and Change Data Capture (CDC) strategies to ensure up-to-date datasets for analytics.
- Created and optimized ADF pipelines with parameterization, triggers, and reusable templates for scalable data ingestion.
- Built staging and transformation layers in SQL Server for harmonizing raw data into analytics-ready datasets.
- Performed data validation, reconciliation, and quality checks to ensure accuracy and integrity of Novartis data.
- Automated pipeline monitoring, error handling, and logging in ADF and Databricks for robust operations.
- Optimized PySpark jobs and SQL queries for high performance on large datasets.
- Collaborated with business and analytics teams to deliver curated datasets suitable for Power BI reporting and advanced analytics.

Project 2:

Client: Allianz Insurance

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

Role: ETL Developer

Duration: Jan 2022 to Apr 2023

Description:

Allianz Insurance is a leading global insurance and financial services provider headquartered in Germany, offering life, health, property, and casualty insurance solutions. The company leverages data-driven technologies and analytics to optimize risk management, claims processing, customer insights, and business operations. Allianz focuses on building scalable and secure data platforms to support enterprise-wide reporting, regulatory compliance, and real-time decision-making.

Roles and Responsibilities:

- Design and implement end-to-end ETL pipelines using Azure Data Factory for multiple data sources.

- Write optimized T-SQL queries, views, and stored procedures in SQL Server for reporting and analytics.
- Perform data cleansing, transformation, and validation to ensure high-quality datasets.
- Collaborate with business users and analysts to gather requirements and define data models.
- Monitor, troubleshoot, and optimize data pipelines and SQL workloads for performance and reliability.
- Implement incremental, full, and batch data loads to improve ETL efficiency.
- Document data flows, mapping, and pipeline architecture for audit and operational purposes.
- Ensure data security, access control, and compliance across all ETL and reporting processes.
- Support migration of on-premises databases and ETL processes to Azure cloud solutions.
- Develop reusable SQL scripts and pipeline templates to standardize and automate workflows.
- Collaborate with BI and analytics teams to provide cleaned and transformed datasets for reporting.
- Implement data governance and metadata management best practices across pipelines and reports.
- Stay updated with latest Azure services and BI tools to enhance architecture and reporting solutions.

Project 1:

Client: eBay

Technical Skills: SQL Server, SSIS, SSRS.

Role: SQL Developer

Duration: Jun 2020 to Oct 2021

Roles and Responsibilities:

- Involved in all phases of the project starting from analysis, design, development, testing, and UAT and Production release of Clinical Data Management.
- Created new SSIS Packages for loading the Data from Oracle RDB System to SQL. Expertise in the Logging and error Handling of SSIS Packages.
- Created views, T-SQL scripts, Stored Procs, Functions and fixed the bugs present in existing SQL database.
- Improved the non-performing queries and reporting.
- Deployed successfully the product to prod environment.
- Involved in migration of SQL Server 2005 to SQL Server 2008 and upgrading the SSIS Packages from 2005 to 2008 version.
- Created reports using SQL Reporting Services (SSRS) for customized and ad-hoc queries.
- Developed database objects like tables, views, stored procedures, indexes etc.
- Fine-tuned the logic in Stored Procedures, Functions and Triggers for optimum performance.

Education

- B.Tech from JNTU Anantapur.