

**TEK011731 (SQL - 3 + Year)**

■ BTech

Highlights

- Highly Skilled Professional with good experience in data integration, transformation, and optimization.
- Specializing in designing and implementing robust ETL pipelines using SQL Server Integration Services (SSIS).
- Proficient in data warehousing, modeling, and architecture, with advanced knowledge of SQL and T-SQL for creating and refining complex stored procedures.
- Experienced in collaborating with cross-functional teams and ERP experts to gather, validate, and translate data requirements into actionable insights.
- Demonstrated expertise in data automation, SQL Job management, and ensuring data integrity.
- Adept at delivering impactful data visualization and business intelligence through Power BI, Tableau, and other analytics platforms to support data-driven decision making

Skills

Primary Skills

- ETL
- Power BI
- SSIS

Secondary Skills

- Data Migration
- Excel
- SQL Queries

Other Skills

- SQL Server Management Studio(SSMS)
- Oracle
- Word
- SQL Server Import Export wizard
- Qlik Sense
- ETL Pipeline Development(SSIS Support and Development)
- Data Integration(SAP System to Data Warehouse)
- Stored Procedure Development / T-SQL(SSMS)
- Quality Assurance & Testing
- SQL(DDL, DML, Functions, Views, Triggers, Temp tables)
- SQL (T-SQL), Agent Job Monitor
- Communication & Collaboration
- Performance Tuning (Stored Procedures , Complex Queries)
- Problem Solving
- Monitoring (Schedulers, Jobs, Data Flow Movement)
- Documentation
- RDBMS
- Star schema
- Snowflake Schema
- OLAP / OLTP Method
- Agile Methodology
- Python Understanding
- Azure Synapse Analytics(Intermediate Understanding About Server less SQL pool , Dedicated SQL pool , Blob Storage , Data Lake Gen 2 Storage, External Tables , SAS Token , Role Based Access Control ADF

Projects

Project - 1 - IT Industry (37 months)

Role : Software Engineer

Responsibilities :

?Requirement Gathering :

- Collaborated with business analysts, product owners, and stakeholders to understand and gather business, functional, and data requirements.
- Conducted requirements elicitation, gap analysis, and defined data fields for Inventory, Purchase, Sales, Finance, and BOM, creating a comprehensive data dictionary.
- Worked with ERP teams to align extracted fields with technical specifications, using Agile methodology to ensure alignment with user stories and process flows for successful solution design

ERP Data Extraction :

- Coordinated with ERP SAP Functional teams, ABAP developers, and stakeholders to acquire, extract, and validate raw data from ERP systems.
- Conducted data validation and integrity checks to ensure compliance with data governance standards and resolved discrepancies during testing.
- Facilitated UAT signoff and approved QA to PRD movements if data met all requirements.

Production Data Testing and Documentation :

- Conducted thorough data testing and validation of PRD raw data to ensure integrity, accuracy, and completeness.
- Coordinated with stakeholders and cross-functional teams to meet business and functional requirements, and developed test cases and plans for both manual and automated testing.
- Utilized tools like TFS and SQL for efficient validation, resolving discrepancies

ETL Pipeline Development :

- Designed and implemented ETL pipelines using SQL Server Integration Services (SSIS), improving efficiency by 25% through streamlined data processing and transformation.
- Created and optimized data workflows, collaborating with data architects and business analysts to enhance performance, scalability, and data quality.
- Utilized T-SQL, stored procedures, and SQL queries for data manipulation, while ensuring compliance with data governance and security standards.

Performance Optimization :

- Monitored and optimized ETL pipelines and data processing workflows to enhance efficiency, scalability, and throughput.
- Tuned SQL queries, stored procedures, and data transformations within SSIS and other ETL tools, using performance monitoring tools to address bottlenecks and reduce latency.
- Developed indexing strategies, optimized data loads, and ensured compliance with SLAs while implementing error handling and load balancing solutions to maintain high availability, system reliability, and data integrity

Stored Procedure Development :

- Created and optimized stored procedures using T-SQL for efficient data manipulation and retrieval in high-performance ETL pipelines, increasing execution speed and reducing query execution time by 30%.
- Conducted performance tuning and optimized SQL queries to enhance data processing efficiency.
- Ensured procedures met business logic, supported data integrity, and improved overall query execution times.
- Collaborated with DBAs to implement indexing strategies and ensure smooth integration within larger data workflows.

Automation and Job Management :

- Automated routine data processes by creating and managing SQL Jobs for regular data maintenance, reporting, and ETL workflows.
- Developed and scheduled jobs for tasks like data extraction, transformation, and loading (ETL), ensuring efficient data processing and report generation.
- Monitored weekly and monthly SQL Jobs to ensure smooth operation, timely execution, and adherence to SLAs.
- Conducted ongoing maintenance, troubleshooting, and performance optimization to resolve issues and prevent failures in data pipelines

Monitoring & Supporting :

- Monitored and supported critical systems such as MIS, DAART, GSP, Rejections, and Undefined processes to ensure smooth data flow and operations.
- Identified and resolved system issues, minimizing downtime and improving overall system performance.
- Conducted data validation and ensured compliance with business requirements and data governance standards.
- Provided ongoing support for troubleshooting, process improvements, and performance optimization across multiple platforms

Awards

- Received the 'Rising Star' Award from the CEO in my first year for outstanding performance