

PIKESH MAHARJAN

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PROFESSIONAL SUMMARY

Data Engineer, SQL Developer, and ETL Developer with 5+ years of experience in designing, developing, and maintaining ETL pipelines for large-scale retail and healthcare datasets. Proficient in data modeling (Star & Snowflake schemas), SQL, database stored procedures, ETL tools (SSIS, Actian DataConnect), and automation development using tools like Control-M and Task Scheduler. Skilled in database management, data processing automation, and performance tuning, with strong analytical and problem-solving abilities. Recognized for excellent communication skills and effective team collaboration to deliver reliable and scalable data solutions.

CORE SKILLS

ETL & Data Warehousing	Oracle, SQL Server, SSIS, Control-M, Actian DataConnect
Automation and Scheduling	Control M, Task Scheduler and Sql Server agent
Programming	Python, PowerShell, T-SQL
Tools	Git/Bitbucket, Jira, Tableau, SSMS, VsCode, Visual Studio
Specialties	Data pipeline automation, Data Quality, Reporting, Performance Optimization

PROFESSIONAL EXPERIENCE

Senior Software Engineer – Cotiviti / Infinite Computer Solutions

Feb 2021 – Present

- Designed and maintained ETL pipelines using SSIS packages for retail clients (Amazon, Walmart Mexico, Home Depot), processing 100GB+ of data weekly.
- Automated Data extraction, Data Transformation and Data Loading using Control-M and Python scripts, reducing manual effort by 40%.
- Developed complex T-SQL scripts validation queries to support data transformation and Automated reporting from database warehouses.
- Developed stored procedures and optimized SQL queries improving performance by 30%.
- Implemented rule-based and dynamic data validation logic to ensure integrity of incoming and outgoing data.
- Developed and implemented an automation script for performing QC for Data Migration from Actian to SSIS, reducing task time by 70%
- Developed mappings in Actian DataConnect for diverse data sources, including Oracle dump, SQL Server backup, and various file formats including flat files (csv, txt, dat) and excel files.
- Organized training sessions on internal tools, ETL tools, SQL, and onboarding guides for new hires
- Served on the Hiring Panel to Select the candidates for ETL and SQL developers through interviews.
- Collaboration with cross functional teams on various Projects such as ETL Tool Migration, File Layout Management System etc.

Data Engineer – Impetus Incorporation

February 2020– Jan 2021

- Leveraged SSIS packages for efficient data migration tasks, contributing to project success.
- Normalized data structures and optimized queries and stored procedures for improved performance.
- Facilitated data migration to Avionte standard (Staffing solutions) using T-SQL, ensuring seamless transitions.
- Provided production support and root-cause analysis for data pipeline failures.

EDUCATION

- Master's in computer science | IIMS, Lincoln University (2023-2025)

Thesis: End-to-End Automation in Extract, Transform and Load Pipeline (ETL)

Developed an ML-based solution to detect column data types, delimiters, and schema structures from raw files (.csv/.txt).

Automated SQL Server table creation and data loading from detected schemas.

- Bachelor's in Computer Engineering | Kantipur Engineering College (2016 -2019)

CERTIFICATIONS

- [Microsoft Certified: Azure Data Fundamentals](#)
- [Tableau Advanced: Master Tableau in Data Science](#)
- Git Essentials: Learn Git with Bitbucket and SourceTree
- [SQL-Server-Performance-Tuning](#)

ADDITIONAL INFORMATION

- Strong communicator with experience mentoring junior engineers.
- Experienced working with US-based clients in healthcare, retail, and staffing solutions, ensuring on-time delivery across different time zones.
- Adept at cross-cultural communication and managing distributed teams.
- Strong analytical skills, problem-solving abilities, and a track record of handling large datasets in complex environments.
- Skilled in mentoring and hiring processes, including conducting interviews for ETL and SQL developers.