**PIKESH MAHARJAN**

Lalitpur, Nepal | 9843744725 | pksmaharjan.pm@gmail.com | [LinkedIn](https://www.linkedin.com/in/pikesh-maharjan-6022341b4/) / [GitHub](https://github.com/MeePks)

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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**

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| 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](https://learn.microsoft.com/en-us/users/pikeshmaharjan/credentials/1f5457e20e32439?ref=https%3A%2F%2Fwww.linkedin.com%2F)

• [Tableau Advanced: Master Tableau in Data Science](https://www.linkedin.com/in/pikesh-maharjan-6022341b4/details/certifications/1708022131891/single-media-viewer/?profileId=ACoAADHeKWIBfGrWZBHdH3Y3kTw3YfGnRJVdIUM)

• Git Essentials: Learn Git with Bitbucket and SourceTree

• [SQL-Server-Performance-Tuning](https://www.linkedin.com/in/pikesh-maharjan-6022341b4/details/certifications/1708022022565/single-media-viewer/?profileId=ACoAADHeKWIBfGrWZBHdH3Y3kTw3YfGnRJVdIUM)

**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.