



Pupul Saxena

 647-928-6274

 pupul.saxena28@gmail.com

 Toronto, ON M9B 0C5

PROFESSIONAL SUMMARY

I am a skilled Data Engineer with almost 8 years of cross-domain experience in healthcare insurance, retail, and manufacturing, offering a proven track record of developing and maintaining sophisticated data warehouses for major clients. Recently, I completed a full-time Data Analytics program in Canada (2023). I am eager to join a dynamic team and leverage my expertise in business requirement gathering, dataset analysis, SQL performance metrics, and ETL processes to drive strategic business decisions.

SKILLS

ETL processes	SQL Server Management Studio	Teradata	TD SQL Assistant	IBM Infosphere DataStage	
Data Warehousing	Informatica PowerCenter	Unix - Shell Scripting	Python	Azure DevOps	Tableau
Big Data/Hadoop	Power BI	Agile/Waterfall	Kanban	Exploratory Data analysis	Analytical Skills

EXPERIENCE

DATA ANALYTICS STUDENT, Oshawa, ON

Durham College Of Applied Arts And Technology, January 2023–December 2023

- Performed exploratory data analysis, data cleansing, feature engineering, and model validation.
- Developed data visualization solutions for business problems utilizing Tableau, PowerBI, Python, and R.
- Built dashboards in Tableau/PowerBI to visualize customer behavior across different segments over time.
- Optimized query performance by indexing tables or writing optimized queries when needed.
- Provided insights into trends and patterns within the data using descriptive statistics and machine learning models.
- Understanding of HDFS file system and commands
- Learnt Business Process Modelling Notation diagrams using LucidCharts/MS Visio

CLOUD ANALYTICS SPECIALIST

Accenture, February 2021–December 2022

- **Supported IBC's EDPS (Encounter Data Processing System)** SQL server system by processing the Medicare Claims received from different vendors, in the form of XMLs, .txt files, MQ, through comprehensive business validation, with objective of minimizing claim rejections & maximizing submission of claims to CMS (Centers for Medicare and Medicaid Services), contributing around 80% of company's revenue
- Established and maintained an ETL framework using Unix scripts (including BTEQs, utilities like FastLoad, MultiLoad, Teradata Parallel Transporter (TPT) and KSH) to seamlessly integrate Medicare data into the Teradata system
- Preparing functional requirement docs/technical specifications docs

- Created and managed SQL Server Stored Procedures and Tables to execute various data(claim) validation checks
- Gained exposure to DataStage routines/jobs for connecting Teradata with MS SQL Server
- Basics of Azure Data Factory & Google Cloud Platform as a part of migration analysis in the project.

SENIOR ETL DEVELOPER

Cognizant Technology Solutions Pvt. Ltd, March 2015–February 2021

- **Involved in PepsiCo's Net Revenue Management (NRM) project** for Snacks and Beverages across global markets, including the UK, Russia, Turkey, and Latin America with exposure to designing, creating DDL structures in Teradata
- Developed scripts using Teradata SQL Assistant and utilities like FastLoad, MultiLoad, Teradata Parallel Transporter (TPT) to load data into the target tables
- Proficient in Performance analysis, SQL Query tuning using Explain Plan, collect stats in Teradata and Informatica PowerCenter to carry out data mappings from sources like SQL Server to Teradata
- Learnt usage of Informatica transformations, exposure to designer, workflow manager and monitor
- **Supported Ford's Global UDB(GUDB) Initiative** to handle the operational data received from various dealers and feeding into their Ford Customer Service Division (FCSD) Dashboard in Tableau
- Provided support in developing optimized SQL queries using Teradata utilities like BTEQs and FastLoad, prepared Technical Inspection (TI) documents to work on the requirements received and developed SQL codes based on business rules and transformation logic
- **Supported Walmart's Store Number Expansion (SNE) program**, facilitating the transition to a 5-digit store numbering legacy system(mainframes) capable of accommodating up to 90,000 stores
- Analyzed Teradata/Db2/Cobol Scripts and prepared table Analysis documents to expand Walmart Stores and Utilized transformation steps and Wrapper scripts
- Assisted in the decommissioning of outdated scripts and performed unit testing with case documents ensuring a smooth transition to the new, expanded system.

EDUCATION

POST GRADUATE PROGRAM IN BUSINESS DATA ANALYTICS

Durham College Of Applied Arts and Tech., December 2023

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE

Jaypee Institute of Information Technology, June 2014

WEBSITE, PORTFOLIO AND PROFILES

<https://www.linkedin.com/in/pupul-saxena-a925aba7/>