

# Sakshi Gulhane

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Aspiring **Data Engineer** with hands-on experience in **Python-based ETL workflows**, **REST API integrations**, and **SQL data processing**. Skilled in designing and building scalable, efficient data pipelines using **Google Cloud Platform (GCP) services**, with **BigQuery** as the core **data warehouse**. Also knowledgeable in **Power BI** for reporting and analytics.

## SKILLS

- **Cloud & Big Data:** Google Cloud Platform (GCP), BigQuery, Data Fusion, Dataflow, Kubernetes, Apache Beam.
- **ETL & Data Integration:** ETL Pipelines, Data Modeling, Data Warehousing, Workflow Automation, Data Fusion Scheduler, Cron Jobs.
- **Databases:** Oracle, MySQL, MS SQL Server, MongoDB, Salesforce (data integration).
- **Programming & Scripting:** Python, SQL, PySpark, Java, JavaScript, HTML, CSS.
- **API & Microservices:** RESTful APIs, API Integration, Microservices, Spring Boot.
- **DevOps & Tools:** Git, CI/CD, SonarQube, STS (Spring Tool Suite).
- **Performance & Quality:** Query Optimization, Stored Procedures, Functions, Data Quality Checks, Code Reviews.
- **Visualization:** Power BI dashboards, DAX, Power Query, Interactive visualizations, KPI reporting.
- **Data Processing & Transformation:** Performed cleansing, enrichment, and standardization of structured and unstructured datasets to ensure data quality.

## EXPERIENCE

### L&T Finance Services

Assistant Manager | Data Engineer

Dec 2023 — Present

Mumbai

- **Data Transformation:** Performed data cleansing and transformation by handling null values, standardizing data types, and writing optimized SQL procedures to ensure data quality and consistency during ETL processing.
- **Api Integration:** Developed and scheduled Java-based API integrations to retrieve data and insert it into Data Warehouse using cron jobs for automated execution.
- **Performance Optimization:** Tuned queries, indexing strategies, and execution plans to improve performance and reduce query execution time.
- **Data Warehouse Development:** Designed staging, integration, and presentation layers to enable efficient ETL workflows and business intelligence reporting.
- **Stored Procedures & Functions:** Developed and maintained SQL stored procedures, functions, and views to implement business logic and ensure data accuracy.
- **Worked with relational and NoSQL databases** like Salesforce, MongoDB, MySQL and Oracle, ensuring smooth data handling and transformation pipelines.
- **ETL Pipeline Development:** Built scalable ETL pipelines using Google Cloud Data Fusion to handle both incremental and full loads from source systems and load it into target destinations, ensuring data integrity and transformation.
- **Built and deployed Dataflow pipelines** to extract and transform data from Oracle databases into BigQuery, ensuring scalable, real-time processing.
- **Developed interactive Power BI dashboards** by connecting diverse data sources (SQL Server, Excel, CSV, APIs, SharePoint), building data models with DAX and calculated columns, performing data cleaning and transformation in Power Query, and collaborating with business teams to define KPIs and reporting requirements.

## EDUCATION

- **Bachelor of Computer Science Engineering**, Sant Gadge Baba University, Amravati | Percentage : 93% 2018-2022
- **XII, Mahatma Fule Mahavidyalaya, Warud** | Percentage : 63% 2017-2018

## CERTIFICATIONS

- Successfully led knowledge-sharing sessions on Power BI and SQL, contributing to team upskilling and process improvement.
- BigQuery for Big Data Engineers – Master BigQuery Internals
- Completed certification course in C programming.
- Participant – Treasure Hunt, ESPERENZA 2020 (National Level Technical Festival)
- Completed certification course in Java programming.