

Vasudev Patel

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SQL Developer with strong expertise in query optimization, ETL Processes and Data Quality focused on building reliable data solutions and ensuring smooth daily operations.

SKILLS

Technical: SQL, Python, PySpark, ETL, DAX.

Tools: Power BI, SSMS, Databricks, Azure Data Factory, Azure Synapse.

EXPERIENCE

SQL Developer | Tata Consultancy Services

2022 –2025 | Indore, India

- Designed and optimized ETL workflows reducing end-to-end data processing time by 35%, improving daily refresh reliability for downstream analytics.
- Automated repetitive data preparation tasks using SQL transformations, saving the team 10+ hours per week and ensuring consistent, error free data loads.
- Implemented data quality checks, SCD handling and validation rules across staging and warehouse layers, increasing data accuracy by 25% and reducing production defects.
- Collaborated with BI and data engineering teams to streamline data pipelines, enabling faster reporting cycles and helping business teams shorten decision-making time by 30%.
- Monitored and troubleshooted ETL jobs, resolving failures proactively and maintaining 99% job uptime, preventing potential revenue loss from delayed dashboards.
- Worked on on-prem ETL pipelines and contributed to cloud migration efforts using Azure Data Factory.

PROJECTS

Spotify ETL and Analysis | [GitHub](#)

- Built an automated ETL pipeline in Azure Data Factory for Spotify data using a JSON-based watermarking technique to enable incremental loading.
- Utilized Azure Databricks with PySpark for scalable data cleansing, transformation, and real-time stream processing.
- Optimized data flow for faster refresh cycles and high-quality analytics

Financial Transactions & Credit Analytics | [GitHub](#)

- Designed a normalized financial data model and built SQL-based ETL pipelines for clean, reliable data.
- Developed analytical queries using CTEs and window functions for financial trend insights.
- Automated reporting through stored procedures & optimized queries for faster performance.

Olist Ecommerce Analysis | [GitHub](#)

- Cleaned and transformed raw data for analysis using automated pipelines for ETL.
- Performed SQL + Python-based analysis for insights and visualization.
- Provided business recommendations based on findings.

Education

Bachelor of Science

Career College, Bhopal | 2019 – 2022

Higher Secondary

KV 2 CPE, Itarsi, Madhya Pradesh | 2019

