

PAULOMEE PATEL

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SUMMARY

Experienced Data & BI Analyst with a solid 4-year track record in the IT industry. Proficient in Azure SQL and Azure Data Factory, adept at developing and managing Azure SQL DB and Synapse Analytics for streamlined data processing. Skilled in optimizing queries and T-SQL performance, with demonstrated expertise in designing databases from scratch. Well-versed in data modeling, ETL processes, and Power BI visualization. Proven ability in creating reports and analyzing data.

SKILLS

Microsoft BI Tools	SSRS, SSIS, PowerBI, Excel, SSAS, Power Automate, SSMS
Databases and Tools	SQL Server, 2008 R2, 2012, 2014, 2016, SQL Server Management Studio, Azure SQL, MySQL
Source Control Tools	TFS, Git, Mercurial
Other Tools	Microsoft Visio, Microsoft Office 2003/2007/2010/2013, MS Excel, DAX, VB Scripts, VBA, Pandas, Visual Studio, Pandas, Microsoft Power Query, Power Automate, SAP ERP, SAP HANA Studio, SharePoint
Languages	T-SQL, ANSI SQL, C#, Power shell script, Python, JavaScript
Cloud Technologies	ADF, Databricks, Snowflake, Key Vault, ADLS, Azure Logic Apps
Methodologies	SDLC – Waterfall, Agile/Scrum

EXPERIENCE

DATA ANALYST

National Logistics Service

February 2022 - Present, CA, Ontario, Mississauga

- Streamlined T-SQL queries, ETL pipelines, and processes, reducing data processing time by 40% and enhancing accuracy.
- Conceptualized interactive Power BI dashboards, boosting decision-making efficiency by 25% in collaboration with business units.
- Led enterprise data warehouse implementation, consolidating sources, and cutting data retrieval time by 50%.
- Automated reporting with Python scripts, minimizing report generation time by 60%.
- Ensured data integrity through comprehensive T-SQL data profiling and cleansing, elevating accuracy by 95%.
- Identified key KPIs, delivering strategic reports for non-technical audiences.
- Designed optimized data models, OLAP cubes, and visualizations, cutting report creation time by 30%.
- Employed Azure Cloud for cost-efficient data storage and processing.
- Migrated legacy reports to Power BI, increasing user adoption by 50%.
- Maintaining data security and compliance standards within SAP ERP systems, including user access control and data encryption.
- Optimized ETL processes with data engineering teams, enhancing quality and reducing errors by 90%.
- Managed scalable data pipelines via Azure Data Factory, Apache Spark, and Python.
- Engineered efficient data structures, improving retrieval speed by 35%.
- Ensured accurate data migration, validating and reconciling critical projects.
- Automated data loading and scheduling, minimizing manual intervention by 80% and reducing costs.

DATA ENGINEER

Kotak Mahindra Bank

August 2020 - January 2022, IN, Gujarat, Ahmedabad

- Analyzed business requirements and translated them into technical specifications.
- Developed complex SQL procedures and functions to incorporate intricate business logic.
- Executed SQL queries, including stored procedures and CTEs, for Tableau reports.
- Scheduled and managed SSIS packages for daily database updates via SQL Server Agent.
- Created data visualizations (Lines, Pies, Histograms, Maps, Scatter, Bullets) in Power BI for real-time KPI monitoring.
- Proficient in SQL scripting, query optimization, and index creation.
- Establishing and maintaining data governance policies and best practices within SAP ERP systems to ensure data quality and consistency.
- Developing stored procedures and triggers in MySQL for automation and data consistency purposes.
- Hands-on experience with MS SQL Server (SSMS), SSIS, and SSRS for data management.
- Expertise in ETL processes and incremental data loads for effective data integration.
- Utilized Google Dataflow to build efficient data processing pipelines in the cloud.
- Deployed applications for Integration, Functional, and User Acceptance Testing.
- Collaborated with Business Analysts, Solution Architects, and DBAs for effective technical designs.
- Ensured smooth hand-offs to support teams and actively participated in ETL process enhancements.
- Troubleshoot and resolved ETL process issues in coordination with support teams.

- Strong understanding of data warehousing and ETL concepts, including data migration and transformation.
- Ensured successful data migrations from external and internal sources to target data structures.

DATA REPORTING SPECIALIST

Amazon

August 2019 - August 2020, IN, Gujarat, Ahmedabad

- Developed and executed data analysis strategies, enhancing decision-making with business insights.
- Streamlined data collection and reporting using Excel functions, VBA macros, and SharePoint, reducing reporting time by 30%.
- Improved database performance by creating efficient table indexes.
- Designing data models using DAX, including the creation of relationships between tables, hierarchies, and calculated columns.
- Proficient in programming views, stored procedures, and functions for effective data management.
- Extracted data from multiple databases to fulfill client requirements.
- Experienced with SQL Server Reporting Services and SQL Server Analysis Services.
- Developed procedures and scripts for seamless data migration.
- Implemented automated data pipelines using Power Automate, reducing manual errors by 25%.
- Created and managed database objects, including stored procedures, triggers, functions, and views.
- Introduced agile methodologies and best practices for enhanced product development.
- Proficient in eliciting, synthesizing, documenting, and analyzing data reports.
- Creating custom DAX functions to address business requirements and analytical needs.
- Scheduled and performed regular Database Backup and Maintenance Activities.
- Ensured clear, concise, and technically correct code through coding, testing, and documentation.
- Created reports, dashboards, and data visualization to provide real-time insights.
- Expertise in developing data dictionaries, T-SQL queries, stored procedures, and SSIS design mapping.
- Analyzed and processed data to identify visual manufacturing bottlenecks, applied Six Sigma principles to streamline processes, and conducted root cause analysis to improve production, resulting in decreased task time by 20% and reduced inventory and motion costs.

EDUCATION

Bachelor of Engineering, Computer Engineering

Gujarat Technological University • IN, Gujarat, Ahmedabad • 2019