

Viplove Jain

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EDUCATION

Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, India Jul 2022 - May 2024
Master of Science, Information Technology (GPA: 7.37/10.0)

Apex Institute of Management and Science(University of Rajasthan), Jaipur, India Aug 2019 - Jun 2022
Bachelor of Computer Applications (Percentage: 79.00%)

SKILLS

Programming Languages: SQL, Python, PySpark

Tools & Technologies: Snowflake, Azure Databricks, Airflow, Microsoft SQL Server(SSMS), Azure Data Factory(ADF), AWS Glue, MySQL, PostgreSQL, SSIS, ETL Development, Github, MS Excel.

Relevant Coursework: Data Warehousing, Big Data, Data Analysis Using Python and SQL, Database Management System, Cloud Computing, Object Oriented Programming.

EXPERIENCE

ZS Associates, Gurugram, India July 2025 - Present
Business Technology Solutions Associate(Data Engineer)

- Designed and implemented a **utility to auto-generate Airflow DAG code leveraging AWS Glue**, reducing manual development effort and improving workflow efficiency for a leading Pharmaceutical Company.
- Build analytics-ready datasets and workbench notebooks using **Snowpark** for **oncology** and **hematology** drug analytics.
- Contributed to **data warehouse modeling** by creating **facts and dimensions**, enabling structured and scalable analytics.
- Developed **Data Quality Management queries** and **unit testing frameworks** to validate data integrity and accuracy.

Celebal Technologies, Jaipur, India Sept 2024 - July 2025
Associate Data Engineer

- Written and optimized SQL Server **queries, Stored Procedures, and Views** for sales reporting and customer analytics.
- Optimized queries to enhance reporting efficiency and data retrieval speed, achieving a **30% performance boost**
- Developed and managed **data pipelines in Azure Data Factory** for an Fast-Paced Entertainment Company to streamline the transfer of required data from on-premises SQL Server to **Azure Data Lake Storage**.
- Build scalable solution for handling **failed status tables** in pipelines, ensuring efficient reruns for incomplete processes.

GuruCool, Jaipur, India Feb 2024 - Jun 2024
Data Analyst Intern

- Optimized SMS retargeting campaigns for existing users, achieving a **22% cost reduction** through data-driven analysis.
- Automated 15+ reports (Daily, WoW, MoM)**, saving **10+ hours per week** in manual efforts, improving time management.
- Analyzed user behavior in **Clevertap using journeys, funnels, cohorts, and boards** to **increase user retention by 27%**.
- Designed interactive **analytics dashboards in MongoDB Atlas Charts**, enabling **stakeholders** to make informed decisions.

Celebal Technologies, Jaipur, India May 2023 - Jul 2023
Data Engineer Intern

- Created and optimized **SQL queries** and implemented **stored procedures, views** to address product sales and inventory related challenges streamlining inventory replenishment processes to improve efficiency and Business Performance.
- Built and deployed **ETL pipelines** using **SQL Server Integration Services (SSIS)** to automate the extraction, transformation, and loading of transactional data, **reducing manual effort by 30%**.

PROJECTS

Oracle Database to Databricks Migration

- Developed an **ETL pipeline** to migrate data from **Oracle** to **Databricks Delta Lake** using **ADF** and **Databricks notebooks**.
- Implemented dynamic extraction of Oracle tables and stored the raw data as CSV files in **Azure Data Lake Storage**.
- Automated **Databricks-based transformation** and Delta table creation using parameterized notebook activities.
- Updated status and timestamps in the **lookup table** post successful ingestion, enabling end-to-end audit and tracking.

Stock Price Pipeline and Analysis Project

- Developed an end-to-end ETL pipeline using **Azure Data Factory** to fetch stock price metadata from yahoo finance API.
- Stored raw JSON data efficiently in **Azure Data Lake Storage (ADLS)** using **REST API** calls.
- Created scalable transformation logic in **Azure Databricks notebooks** and written data to **Delta tables**.
- Triggered automated notebook runs via **ADF** and handled failures using **Azure Logic Apps** for alerts.
- Enabled fast **SQL-based analytics** on curated data with Delta Lake support in Databricks.

CERTIFICATIONS

- [Databricks Certified Data Engineer Associate](#)
- [Databricks Certified Data Analyst Associate](#)
- [Microsoft Certified: Fabric Analytics Engineer Associate \(DP-600\)](#)
- [HackerRank SQL - Basic, Intermediate and Advanced](#)