

Brijesh Patel

Ahmedabad, INDIA | brijeshpatel4547@gmail.com | 6284451081 | <https://www.linkedin.com/in/brijeshpatel45/>
[Brijesh Patel || Data Engineer and Analyst](#)

WORK HISTORY

Packaged App Development Analyst – Data Engineering and Analytics | Accenture April 21 – Feb 24

- Developed and maintained end to end data pipelines leveraging PySpark, ADF, and Azure Databricks, reducing data processing times by 40%.
- Analyzed and addressed the performance issues for the existing SQL through Indexing and Query Refactoring and optimized to run 25% faster.
- Built an ETL job extending the functionality of existing ETL to incorporate the new additional requirements requested by the business users to ingest and transform the data from various applications.
- Collaborated with cross-functional teams to design and deploy scalable data warehousing solutions using Azure Data Factory and Synapse Analytics.
- Developed and managed Power BI dashboards that integrate data from diverse sources.
- Supported End-Users with prompt troubleshooting assistance, minimizing downtime due to technical issues.

Career Break

- Worked as a Data Engineer and Analyst Freelancer for the clients helping them with Data Transformations, Analytics and Visualization using PySpark, SQL, Power BI.
- Pursued professional certifications in Data Engineering and Data Analysis

Data Engineer | Solvios Technology April 25 – Current

- Leveraged Python with SQLAlchemy and psycopg2 to build a dynamic, scalable solution that incorporates incremental loading techniques and flexible schema evolution handling.
- Demonstrated robust expertise in ETL Design, advanced SQL & Python by integrating AWS Secrets Manager for secure DB Connectivity.
- Developed SQL and Python Codebase to accommodate the ETL requirements for client reporting.

EDUCATION

Lovely Professional University Jalandhar, India

BTech in Computer Science, Specialization in Big Data Analytics | GPA – 8.48 /10.0 September 2022 - December 2024

- **Relevant Courses:** Hadoop Map Reduce Processing, Parallel Processing With Apache Spark.

SKILLS

-
- **Programming Languages and Big Data Frameworks:** Python, SQL, PySpark, Apache Hadoop
 - **Cloud Platforms and Services:** Azure Databricks, Azure Blob Storage, Azure Event Hubs
 - **Database and Data Warehousing:** Azure Synapse Analytics, Snowflake, PostgresDB, Azure SQL DB
 - **Data Modeling & ETL Development:** Azure Data Factory, ETL Development and Maintenance
 - **BI & Data Visualization:** PowerBI

PROJECTS

Indian Railways ETL and Analytics Dec 2024 - Feb 2025

- Using PySpark, Azure Data Factory, Azure Synapse Analytics to develop comprehensive ETL and analytics platform to transform the GeoJson data.
- Perform analytics to optimize Indian Railways operations by leveraging advanced data engineering and visualization techniques.

Stock Market Real Time Analysis May 2024 - Jun 2024

- Implemented a real-time analytics solution using Snowflake to analyze the stock data. Set up real-time data ingestion using Azure Event Hubs to stream data into Snowflake.
- Developed transformation scripts in Python to process and clean the streaming data.

CERTIFICATIONS

-
- **Microsoft Certified: Azure Data Engineer Associate**
 - **Microsoft Certified: Azure Enterprise Data Analyst Associate**
 - **Datacamp Certified Data Engineer**
 - **Datacamp Certified Data Analyst Associate**
 - **AI Engineer for Data Scientists Associate - DataCamp**