

## Brijesh Patel

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### Professional Summary

Proficient in SQL, Python, and PowerBI, with a demonstrated ability to convert raw data into actionable insights. Possess extensive hands-on experience with PySpark, ADF, SQL. Adept at managing and transforming large datasets, Expertise in implementing ETL processes to reduce data redundancy and enhance data accessibility for data scientists and business analysts.

### Education

**Lovely Professional University**, Jalandhar, India **2016-2020**  
Bachelor's of Technology | **Major:** Computer Science | **Specialization:** Big Data Analytics | **CGPA:** 8.48

### Work Experience

**Accenture Solutions Pvt. Ltd - Ahmedabad (Remote)** April 2021 - February 2024

#### Packaged Application Development Analyst

- 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.
- Supported end-users with prompt troubleshooting assistance, minimizing downtime due to technical issues.
- Analyzed and addressed the performance issues for the existing SQL through Indexing and Query Refactoring and optimized to run 25% faster.
- Maintained up-to-date documentation of application features, ensuring ease of use for all stakeholders involved in ongoing projects.
- Leveraged data analytics tools to generate meaningful insights from large volumes of data, enabling informed decision making.
- Assisted in requirement gathering, leading to better understanding of client needs and more accurate project estimations.

#### Career Break

Mar 2024

- Pursued professional certifications in Data Engineering and Data Analysis
- Undertook self-study and completed online courses to enhance skills in SQL, Python, PySpark and PowerBI.
- Worked on personal projects to develop hands-on experience with Hadoop, Spark, and Hive
- Volunteered as a data analyst for a non-profit organization, optimizing their data processes.

### Projects

**Indian Railways ETL and Analytics (12/2024 - 01/2025):** Using PySpark, Azure Data Factory, Snowflake to develop comprehensive ETL and analytics platform to transform the GeoJson data and perform analytics to optimize Indian Railways operations by leveraging advanced data engineering and visualization techniques.

**Cricket Data Analytics (02/2024 - 03/2024):** Using Python and SQL to clean the Cricket T20 world cup data. Data Modelling and Visualization using PowerBI to gain insights and create a team of 11 Best players across the tournament.

**Stock Market Real Time Analysis (03/2024 - 03/2024):** 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.

### Skills

- |                   |                           |              |
|-------------------|---------------------------|--------------|
| • SQL             | • Azure Data Factory      | • Power BI   |
| • PySpark         | • Azure Synapse Analytics | • Tableau    |
| • Python          | • Azure Databricks        | • PostgreSQL |
| • ETL Development | • Snowflake               | • PL/SQL     |

### Certifications

- Microsoft Certified: Azure Data Engineer Associate
- Datacamp Certified Data Engineer
- Microsoft Certified: Azure Enterprise Data Analyst Associate
- Datacamp Certified Data Analyst Associate