

Priyanka Babar

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PROFILE

Data Engineer with 3+ years of experience building large-scale data pipelines, ETL processes, and data warehouse solutions. Utilized technologies like **Python, SQL, Spark, Databricks** to develop scalable big data solutions for pharmaceutical companies.

TECHNICAL SKILLS

Programming Languages:	Python, SQL
Big Data Technologies:	Spark, PySpark, Spark SQL, YARN
Databases:	Amazon RDS, MySQL
Cloud computing:	Databricks, Amazon S3, AWS
Data Engineering Tools:	Data Modelling, ETL/ELT data Pipeline
Orchestration:	Airflow
Documentation Tools:	JIRA, Confluence
Familiar:	Pandas, Numpy
Development Methodology:	Agile, Scrum

EXPERIENCE

Novartis <i>Senior Analyst</i>	August 2023 - Present <i>Hyderabad, India</i>
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- Led a team of 2 Data Engineers in designing, developing, and optimizing data pipelines and ETL processes.
- Developed an automated QC system for depicting accurate insights in dashboard at portfolio level ensuring data accuracy of 100%.
- Integrated and processed clinical data from multiple sources including **SQL, Amazon RDS, Apps**, handling various file formats such as CSV and Parquet.
- Implemented Spark optimization techniques such as **cache and broadcast** joins, resulting in a 15% decrease in processing time to handle a daily load of around **2 Million records**.
- Designed and implemented scheduling capabilities using Airflow for data pipeline orchestration, reducing manual intervention time by 10% and streamlining workflow efficiency.

Tata Consultancy Services Limited <i>IT Analyst</i>	December 2017 - July 2023 <i>Noida, India</i>
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- Worked as IT PM on data ingestion pipeline to ingest the file in the **Data lake**.
- Work responsibilities mainly involved gathering data from various sources like **SQL, Mobile Apps**, optimizing the overall process performance through **Spark performance tuning** and performing clinical data analytics to draw insights using **MySQL, Python and Pyspark**.
- Other responsibilities include handling the team of 5 members, communicating the analytical outcomes to business and helping the visualization team draw to portray the key insights from the available data in an efficient manner.

EDUCATION

YMCA University Of Science and Technology <i>Bachelor of Technology, Electronics Instrumentation and Control</i>	Faridabad, Haryana <i>July 2013 - May 2017</i>
Delhi Public School <i>Senior Secondary School</i>	Faridabad, Haryana <i>April 2011 - Mar 2012</i>