

Prabu Ramaiyan

Data Engineer

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Profile

Highly skilled and self-motivated technology professional with **5.5 years** of experience as a **Data Engineer** and experience in working with big data technologies.

Professional Experience

Associate, Cognizant technology solutions 05/2025 – Present | Bangalore, India

- Working as Data engineer for Insurance client in Canada.
- Extracting data from multiple sources using Azure Synapse Pipelines and loading it into the Raw Layer.
- Transforming the data as per client requirements using Azure Databricks PySpark coding.
- Loading the transformed data into the Gold Layer in unity catalog.
- Validating the data between synapse and databricks tables.

Associate IT consultant, ITC Infotech 01/2024 – 05/2025 | Bangalore, India

Project - British American Tobacco

- As part of our migration initiative, we are migrating data from Snowflake Warehouse to Azure Databricks.
- Converted all DDLs and view definitions from Snowflake SQL to Spark SQL and Pyspark for structured and semi-structured data respectively in lakehouse environment.
- Created complex views on top of the presentation tables using Spark SQL which are used in power BI reports.
- conducted data quality checks in tables and views after migration to ensure consistancy between reports generated from snowflake and databricks.
- Good understanding of Spark architecture and performance tuning of the spark jobs.
- Worked with various big data file formats such as CSV,JSON and Delta.

Senior development Engineer, 02/2022 – 01/2024 | Bangalore, India

Ness Digital Engineering

Project - Canadian Tire Corporation

- Worked on the data integration project where we have to extract the data from On-premises databases like Hadoop, DataStage, TXT files to ADLS Gen2 to storage for Data analytics.
- Developed PySpark programs, created the data frames and worked on transformations.
- Created generic pipelines in ADF using linked services/Datasets/Pipelines to extract, transform, load files/folders from on- premises servers to ADLS.

Associate, Teamleases services LTD

03/2020 - 12/2021

Coimbatore, India

- Analysed operational data in Excel to generate weekly and monthly reports for customers.
- Created and maintained detailed incident logs and performance reports in Excel.
- Provide detailed analysis of plant performance, including downtime and maintenance activities.
- Share performance updates with stakeholders regularly.

Education

B.E in Mechanical Engineering,

08/2013 - 04/2017

Government college of Engineering

Tamil Nadu ,India

Skills

SQL

Pyspark

Azure Databricks

Azure Data Factory

Delta lake

Unity catalog

Languages

English

Tamil

Declaration

I hereby declare that the above furnished details are true with proven records.

Prabu Ramaiyan