

Rohit Sharma

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PROFILE

Data Engineer with 4+ years of experience in building large-scale data pipelines, ETL processes, and data lake solutions. Utilized technologies like **Python, SQL, Spark, and Databricks** to develop scalable big data solutions.

TECHNICAL SKILLS

Languages: Python, SQL

Big Data Technologies: Spark, PySpark, Spark SQL

Cloud Computing: Databricks, ADLS, ADF, Cloud storage, Composer, DataProc, Airflow

Data Engineering Tools: Azure DevOps, Git, Data Modeling, ETL/ELT data Pipeline

Familiar: Flask, Jira, Confluence, dbt

EXPERIENCE

Syngenta

May 2026 – Present

Data Engineer

Pune, India

- Migrating enterprise data tables from **Amazon Redshift** to **Databricks Unity Catalog** to modernize the data platform.
- Implementing **PII tokenization** for sensitive data fields in **Databricks** using **Skyflow**, strengthening data privacy and regulatory compliance posture.

Concentrix

Dec 2023 – May 2026

Data Engineer

Gurgaon, India

- Migrating legacy data pipelines from **Microsoft Azure, Pentaho to GCP** using Big Data technologies (Apache Spark) to enhance scalability, performance, and cost-efficiency.
- Implemented and maintained CI/CD pipelines for data engineering projects using **GitLab** and **dbt**.
- Developed seamless data synchronization mechanism between **Unity Catalog** and **Hive Metastore**, enabling table visibility within **Dremio Hive Catalog** instance.
- Built end-to-end batch data pipelines using **PySpark, SQL, and Python** to consolidate and process multi-source data with enhanced quality and scalability
- Designed and implemented an end-to-end process **RPA** automation solution using Selenium to eliminate manual, repetitive tasks.

WebHelp

Sep 2022 – Nov 2023

Associate Data Engineer

Gurgaon, India

- Monitor and analyze **Azure Data Factory** pipelines.
- Lead the team to migrate data pipelines of reporting application from older to a newer version using **Azure DevOps**.

IIT Ropar

Aug 2021 – Sep 2022

Project Associate

Ropar, India

- Developed and integrated a custom Yocto-built Linux image, enabling streamlined software updates.
- Implemented OTA updates for both application and system levels using Mender, saving 100 hours of manual effort.

IIT Mandi

Dec 2020 – June 2021

Project Associate

Mandi, India

- Converted weather data using interpolation techniques from 1 to 0.5 grid to increase the prediction accuracy of our machine learning model.
- Implemented farmer crop data cleansing using MS-Excel to show the correct data to our farmers and do the best predictions on it.

PUBLICATION

Sharma Rohit, Hooda Nishtha (2019). Optimized ensemble machine learning framework for high dimensional imbalanced bioassays. Revue d'Intelligence Artificielle, Vol. 33, No. 5, pp. 387-392. Scopus

EDUCATION

Chandigarh University

Mohali, India

Master of Engineering(CSE)

Aug 2018 – June 2020

- **Thesis:** Optimized ensemble machine learning framework for high dimensional imbalanced bio assays

Career Point University

Hamirpur, India

Bachelor of Technology(CSE)

Aug 2013 – May 2017