

# Nishant Agarwal

## Microsoft & Databricks Certified Data Engineer

Professional Data Engineer with 2.5+ years of experience in supporting and developing critical deployments over big infrastructure. Proficient in Python and Data Analysis techniques. Leading multiple teams of data engineers at Celebal Technologies Pvt Ltd. accelerating critical projects towards completion.

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## WORK EXPERIENCE

### Data Engineer, Associate Consultant Celebal Technologies

01/2022 - Present

Jaipur, India

#### Achievements/Tasks

- Led a critical data integration project from initiation to completion, resulting in a 20% reduction in processing time. Managed a cross-functional team of 9+ members throughout the project lifecycle, ensuring timely delivery and meeting all project objectives.
- Spearheaded the resolution of complex data integration issues by collaborating with other data engineers. Validated queries and data from source to target with that of Teradata. Optimized Spark workloads in a production environment while working across various shifts.
- Utilized project management tools and methodologies to track progress, manage tasks, and maintain project documentation. Received recognition from senior management for exemplary project leadership and successful project outcomes.
- Led Proof of Concepts (POCs) for Synapse SQL migration to Databricks pyspark and Oracle SP migration to Databricks Spark SQL. Built an End-to-End ETL pipeline for delta Architecture with optimization on lift and shift process.
- Developed methods for running jobs in Databricks using Scala and REST APIs, collaborating with senior architects.
- Involved in a Databricks Migration project as a senior data engineer, working closely with client and Databricks SA. Actively used various tools like Autoloader, ADF, Medallion architecture and validation in production environment.

## EDUCATION

### B.Tech in Computer Science Manipal University Jaipur

05/2018 - 07/2022

Jaipur, India

## SKILLS

Python

Pyspark

Numpy

Pandas

SQL

Databricks

Azure Data Factory

Data Science

Data Engineering

ETL/ELT

Scala

Git

Azure

## PERSONAL PROJECTS

### Absenteeism Prediction Model (2023)

- Built a machine learning model to predict absenteeism in employees. The model was trained on a dataset of employee attendance records and other relevant factors. The model achieved an accuracy of 90% in predicting absenteeism.
- **Skills:** Machine learning, Data Science, Data Analysis, Python, Tableau, Git.

### TrackDDay (2021)

- Daily tracker with visualization made with the latest Flutter dependencies. Keeping in mind the procrastination and laziness of people, the app was made to track all the tasks which must be done. There were visualizations to track the progress of each day to give motivation to the user so as to implement no more zero days.
- **Skills:** Flutter, Android Studio, App Development.

## CERTIFICATES & CERTIFICATIONS

Databricks Certified Data Engineer Professional

Microsoft Certified: Azure Data Engineer Associate

Databricks Certified Data Engineer Associate

Microsoft Certified: Azure Data Fundamentals

Microsoft Certified: Azure Fundamentals

IBM Data Science Professional Certificate – Coursera

## LANGUAGES

English (IELTS - 7.5)

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency

## INTERESTS

Technology

Anime

Time Management

Science

Artificial Intelligence