

# Pankaj kumar patra

Data Engineer @TCS

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**PORTFOLIO:** <https://pankajkumarpatra.github.io/>

## TECHNICAL SKILLS:

- ❖ **CODING LANGUAGE** – Python, Java, Scala
- ❖ **DATABASE MANAGEMENT** – Oracle 11g, SSMS, Microsoft Access
- ❖ **DATA ANALYSIS** – Apache Spark with Scala, Hadoop, PySpark Automation, Data Visualisation
- ❖ **TOOLS** – Azure Portal, Azure Databricks, Control – M, Power BI, Anaconda, Azure Data Factory
- ❖ **OPERATING SYSTEM** – Ubuntu, Red Hat Linux, Windows

## CERTIFICATES:

1. [AZ – 900](#): Microsoft Azure Fundamentals
2. [DP – 900](#): Microsoft Azure Data Fundamentals
3. [PL – 300](#): Microsoft Power BI Data Analyst

## ACADEMIC PURSUITS:

Sl. No.	Examination	Institution	Percentage / CGPA	Year of Passing
1	B. Tech	National Institute of Science and Technology, Berhampur	8.1	2020

## WORK EXPERIENCE:

**Azure Data Engineer – Tata Consultancy Services - Kolkata, India** **October, 2020 – Present**

1. Worked on data pipeline for Batch data ingestion using Azure Databricks for 3 years. Worked with team to meet business requirement and complete multiple batches within required time.
2. Performed data analysis during Streaming data ingestion using CDC (Changed Data Capture) retention policy.
3. Developed PySpark script on Databricks to reduce manual data validation post all kind of ingestion process which reduces manual effort by 60 percent.
4. Integrated Production data pipeline with Control-M (Job Scheduler) for over 40 applications to complete multiple refreshes within a day.
5. Communicate effectively with vendors and Data customers to fine-tune Data Platform. Participated in Solutions design and Data modelling for application enhancements.

**Data Analyst – Aptus Data Labs - Bangalore, India** **May, 2018 - July, 2018**

1. Worked on Data Analysis projects - Collected data from various sources, performed ETL operations, analyse data using various models during internship.
2. Performed Text Mining by Transformation. Cleansing, and term-document Matrix extraction using Python and Spark.
3. Prepared Python for intermediate level and learn the use of it in Big Data.
4. Created scripts to automate routine tasks and establish backup protocols to ensure the reliability.

## DECLARATION:

I hereby declare that the above-mentioned information is best of my knowledge and belief.