

# PANKAJ KUMAR PATRA

## DATA ENGINEER

✉ pankajpatra1998@gmail.com ☎ +91 7008853870 🏠 Odisha, India 🌐 <https://pankajkumarpatra.github.io/>

### WORK EXPERIENCE:

#### DATA ENGINEER – TATA CONSULTANCY SERVICES

OCTOBER, 2020 – NOVEMBER, 2024

##### Data Ingestion Process

- Designed, implemented, and maintained scalable, robust data pipelines using Python, PySpark and Databricks that ingest, process, and transform large datasets from around 30 different sources.
- Developed and optimized ETL (Extract, Transform, Load) processes to load data into the data warehouse, ensuring high data quality and reliability.
- Developed PySpark script on Databricks to perform automated data validation quality and ensure the accuracy and integrity of data across systems which reduces manual effort by 60% and decreased expenses by 20%.
- Supported production infrastructure, including monitoring and automation using tools like Control-M.
- Participated in agile development practices, contributing to planning exercises and working in cross-functional groups.
- Received “Star of the Month award” and “Best Team member award” for the input in cross-functional groups and engagement in solutions design and data modelling for application enhancements.

#### DATA ANALYST INTERN – APTUS DATA LABS - BANGALORE, INDIA

MAY, 2018 - JULY, 2018

- Worked on Data Analysis projects - Collected data from various sources, performed ETL operations, analyse data using various models during internship.
- Performed text mining by transformation. cleansing, and term-document matrix extraction using Python and Spark.
- Prepared Python for intermediate level and learn the use of it in Big Data.

### TECHNICAL SKILLS:

PROGRAMMING LANGUAGES	Python, Scala, C, Shell Scripting
DATABASE	SQL, SSMS, Data Warehousing
BIG DATA FRAMEWORKS	PySpark
SCHEDULERS	Control – M
WEB DEVELOPMENT	JavaScript, CSS, HTML
DATA ANALYSIS TOOLS	Microsoft Office 365, Azure Portal, Databricks, Azure Data Factory (ADF)
OPERATING SYSTEMS	Windows, Linux

### CERTIFICATES:

- Microsoft certified: Azure Fundamentals ([AZ - 900](#))
- Microsoft certified: Azure Data Fundamentals ([DP - 900](#))
- Microsoft certified: Azure Data Engineer Associate ([DP-203](#))

### ACADEMIC PURSUITS:

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

### DECLARATION:

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