PANKAJ KUMAR PATRA
SOFTWARE DEVELOPER L4

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

WORK EXPERIENCE:

SENIOR DATA DEVELOPER – ESSPL   **DECEMBER, 2024 – PRESENT**

- Created medallion architecture and optimized ETL (Extract, Transform, Load) workflows to seamlessly load data into the data warehouse, ensuring data consistency, high quality, and reliability across all stages of the pipeline.
- Implemented automated data quality validation on Databricks, improving warehouse management system of logistics domain.
- Optimized data storage and retrieval processes to improve query performance, reduce latency, and enhance the efficiency of data access for downstream analytics and reporting.

DATA ENGINEER – TATA CONSULTANCY SERVICES   **OCTOBER, 2020 – DECEMBER, 2024**

- Designed, developed, and maintained scalable and resilient data pipelines utilizing PySpark, and Databricks to efficiently ingest, process, and transform large datasets from over 30 distinct data sources to data warehouse.
- Implemented automated data quality validation using PySpark scripts on Databricks, improving the accuracy and integrity of data and **reducing manual validation efforts by 60%, resulting in a 20% reduction in operational costs**.
- Collaborated within agile teams, actively participating in sprint planning, standups, and cross-functional collaboration with data scientists, analysts, and data visualization teams to deliver high-quality data solutions on time.

TECHNICAL SKILLS:

PROGRAMMING LANGUAGES	Python, Scala, Shell Scripting
DATABASE	SQL, SSMS, Data Warehousing
BIG DATA FRAMEWORKS	PySpark
DATA PIPELINE TOOLS	Azure Portal, Databricks, Azure Data Factory (ADF), Cloud computing

CERTIFICATES:

- Microsoft Certified: Azure Fundamentals ([AZ - 900](AZ - 900))
- Microsoft Certified: Azure Data Fundamentals ([DP - 900](DP - 900))
- Microsoft Certified: Azure Data Engineer Associate ([DP-203](DP-203))
- Databricks Certified Data Engineer Associate (Credential)

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.