AADITYA RAJ

New Delhi, India

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Education

Chandigarh University   **Sept 2021 – June 2025**
BE CSE AIML   *CGPA : 8.12*

Experience

WNS Global Services   **May 2024 – Present**
Data Engineer Intern   *Gurgaon, Haryana*

- Utilized SQL and Tableau to perform data extraction, transformation, and visualization, generating reports that supported key business decisions.
- Acted as a support data engineer, working extensively with tools such as Apache NiFi, Azure Data Factory, Azure Databricks, and Azure Synapse Analytics to manage and streamline data pipelines.
- Successfully implemented data transformation and integration solutions across multiple platforms, ensuring data consistency and enhancing data-driven insights for the team.
- Developed ETL pipelines using Apache NiFi and Azure Data Factory, processing 1.2M+ records daily.
- Optimized Spark jobs in Databricks to process large-scale data (TBs) efficiently, reducing latency by 30%.

Intel   **June 2023 – August 2023**
AI and Data Science Intern

- Leveraged data analysis tools like Orange and Tableau to process and visualize data for various AI and machine learning projects.
- Contributed to over 5 projects related to Computer Vision, Natural Language Processing, Deep Learning, and Machine Learning, enhancing model accuracy by 15-20 Percent
- Played a key role in a research project on an AI-based metro rail system, developing algorithms that improved operational efficiency by 10 Percent.

Projects

Real-Time Customer Feedback Analysis | ADF, Databricks,PySpark,Azure Data Lake,Power BI, APIs   **Sept 2024**

- Deployed Azure Data Factory pipelines to automate real-time data ingestion from 5+ sources, reducing data latency by 40% .
- Processed and transformed data in Azure Databricks using PySpark for cleaning, deduplication, and sentiment analysis (positive, neutral, negative).
- Stored raw and processed data securely in Azure Data Lake for analytics and reporting.
- Implemented data validation and quality checks using PySpark and SQL, ensuring data integrity.

E-Commerce Sales and Inventory Data Pipeline | *ADF, Pyspark, Databricks, Snowflake,Power BI*   **Jan 2025**

- Designed an automated ETL pipeline to process sales and inventory data from transactional databases, product catalogs, and supplier files using ADF.
- Performed data cleaning, transformation, and aggregation in Databricks with PySpark, generating metrics such as daily sales and inventory turnover.
- Stored processed data in Azure Synapse Analytics and Snowflake for scalable querying and reporting .
- Developed interactive Power BI dashboards to track sales performance, top-selling products, and stock levels.
- Automated scheduling and monitoring of pipelines with ADF triggers, ensuring seamless execution.

Technical Skills

Programming: Python, SQL, PySpark, C++
Data Engineering Tools: Azure Data Factory, Azure Synapse Analytics, Azure Databricks, Snowflake, Hadoop,Apache Nifi, Apache Airflow,Snowflake,PowerBI
Other Skills: Data Structures and Algorithms, Advanced Excel, Business Analysis, Data Analysis, Artificial Intelligence, Machine Learning

Achievements

LeetCode: 450+ Problems Solved
GeeksforGeeks.: 500+ Problems Solved

Certification

- Azure Data Engineer Associate-DP203 (Microsoft)
- Introduction to Data Science Specialization (IBM)