NITHIN NELATURI

Data Engineer | Big Data & Cloud Enthusiast

nithin0144.nkjvs@gmail.com | +91-9550382393 | Medchal, India

PROFESSIONAL SUMMARY

Data Engineer with 3.5 years of experience in designing and developing scalable big data pipelines and cloud-based data solutions. Proficient in Apache Spark, Azure Databricks, Informatica, Azure Synapse, Oracle Data Integrator, SQL and Kafka. Seeking a data engineering role to contribute to cutting-edge tech initiatives.

TECHNICAL SKILLS

Languages: Python, Java, C++, SQL, JavaScript
Big Data Tools: PySpark, Apache Spark, Azure Databricks, Hadoop, Hive
Cloud Platforms: AWS (EC2, S3), Azure (ADF, ADLS Gen2, Azure Synapse)
ETL/Integration: Informatica PowerCenter, ODI
Databases: MySQL, Oracle, SQL Server
Others: Git, REST APIs, Data Structures, Problem Solving, Azure DevOps, CI/CD

WORK EXPERIENCE

Infosys Ltd – Specialist Programmer L1
Hyderabad | Jul 2022 – Present
- Developed scalable ETL pipelines using Azure Databricks and PySpark, resulting in a 25% performance gain across key data processes.

- Developed custom Pyspark utilities that flags the long running jobs in Databricks thus reducing runtime costs of the cluster, and a duplicate data removal utility that ensured data integrated in raw tables.

- Led a POC on DBX Pipelines and Notebooks to scan multiple day partitions, helping optimize runtime costs for ETL jobs.

- Designed and implemented a real-time data ingestion framework using Databricks AutoLoader to efficiently and incrementally process new files arriving in ADLS Gen2.

- Architected cloud workflows across ADF, ADLS Gen2, and Databricks, standardizing pipeline orchestration.

- Enhanced existing Informatica ETL workflows and integrated with cloud-native components.

- Wrote efficient SQL/Spark Sql queries for reporting and dashboards, reducing report load time by 30%.

MTX Group Inc – Salesforce Developer Intern
Hyderabad | Jan 2022 – May 2022
- Built Apex Classes, Workflow Rules, and LWC components for Salesforce automation.
- Designed approval processes and email automation based on user activity.

PROJECTS

Azure-Based Customer Data Platform *(Infosys Internal Project)*

- Built a unified customer data lake using Azure Databricks, ADLS Gen2, and Data Factory. -

Implemented incremental data loads, schema evolution handling, and notebook orchestration.

- Applied partitioning and caching techniques in Spark to enhance processing of 1B+ records.

EDUCATION

B.Tech in Computer Science & Engineering
CVR College of Engineering, Hyderabad (2018 – 2022)
CGPA: 7.92

CERTIFICATIONS

- Infosys Certified Spring Boot Developer
- Infosys Certified Apache Spark Professional
- Infosys Certified Apache Kafka Developer
- Hackerrank – Problem Solving (Intermediate)

ACHIEVEMENTS

- Topper at Mandal-Level SSC Awards (2016)
- Ranked 5th in college C programming contest
- 5-star in C++ and 4-star in Problem Solving on Hackerrank

INTERESTS

Learning Mandarin, Cloud platforms, Distributed systems, Database Internals