RAJIV REDDY, DATA ENGINEER

234-327-1857 | Devidir97@gmail.com | LinkedIn: linkedin.com/in/rajivreddy0728

PROFESSIONAL SUMMARY

Data engineer with over 6 years of experience in designing, implementing, and optimizing data pipelines using Azure data services such as Azure Databricks, Azure Data Factory, and Synapse. Skilled in extracting and integrating data from diverse sources ensuring comprehensive data availability for analytics. Skilled in data modeling, data warehousing using Azure Synapse, and developing interactive dashboards and reports using Power BI. Experienced in performance tuning, data quality assurance, and documentation. Active team player with strong communication skills.

TECHNICAL SKILLS

Cloud Computing: Azure Data Factory, Azure Databricks, Azure Synapse Analytics, Azure Blob Storage, Azure Data Lake, Azure DevOps

Big Data Technologies: Hadoop, Spark, Kafka, Hive, HBase, Apache Airflow

Data Visualization: Tableau, Power BI

Programming and Scripting: Python, SQL, SCALA

Data Engineering: Data Modeling, ETL/ELT Processes, Real-time Analytics, Data Warehousing, OLAP, Data Pipeline Optimization

PROFESSIONAL EXPERIENCE

DATA ENGINEER | AZURE | THERMO FISHER SCIENTIFIC | JUNE 2023 - PRESENT
- Designed data pipelines in Azure Data Factory, covering the end-to-end process of integration, increased data processing by 45%.
- Wrote Python Script in Databricks to clean, transform and ingested the Data in Data warehouse, improving the data accuracy.
- Developed SQL queries to create stored procedures, functions, triggers, and views in Azure SQL Data Warehouse, optimized performance and increased data retrieval efficiency.
- Implemented a comprehensive data aggregation system using Azure Synapse Analytics, resulted in a 30% enhancement in data processing and analyzing.
- Assisted in developing Dashboards using Power BI, which helped in enabling quick identifiers and critical events.

DATA ENGINEER | AZURE | UNUM INSURANCE | OCTOBER 2022 – MAY 2023
- Created data pipelines to transfer on-premises data sources to Azure, optimizing data flow and storage efficiency.
- Use Azure Data Factory for ETL workflows, enhancing data processing efficiency and SQL data warehouse optimizations by 50%.
- Deployed Azure Logic Apps for automating workflows, which saved the company 150 hours per month in manual data operations.
- Automated data cleansing with Python scripts, improving data quality and saving 20% of the time on data integration tasks, while using data profiling to ensure accuracy and integrity.
- Used filters, set parameters, and calculations on Power BI reports, improved data visualization accuracy by 30%.

BIG DATA ENGINEER | ARAVINA INFO PVT LTD | MAY 2020 – DECEMBER 2021
- Involved in a data warehousing project that integrated diverse data sources, directly contributing to a 30% increase in data warehouse usage by business analysts.
- Improved data processing speeds by 20% and ensured higher data quality through the development and maintenance of data pipelines using Apache Spark.
- Collaborated with data scientists to implement predictive analytics models, driving a 15% increase in sales.
- Built and deployed big data solutions using Hadoop and Azure HDInsight, improving data processing efficiency by 30%.
- Improved predictive maintenance for the client by processing IoT data in real-time using Azure Stream Analytics.

DATA ENGINEER | CHEMOL TECHNOLOGIES | MARCH 2018 – APRIL 2020
- Identified and resolved cross-functional data quality issues, increasing data accuracy by 40%
- Mastered Excel and SQL for data manipulation and analysis, cutting down data processing time by 35%
- Involved in developing SQL queries for data analytics, assisting in generating QR reports for departmental analysis
- Participated in data quality testing, identifying and rectifying 25% of identified inaccuracies
- Enhanced decision-making by 30% through Tableau visuals and dashboards for key performance trend analysis.

CERTIFICATIONS

Azure Data Engineer Associate – Microsoft Certified

EDUCATION

Kent State University | Master of Science in Business Analytics **|** Courses: Machine learning, Database management, Data Visualization, Data Mining | **JANUARY 2022 to MAY 2023**

Osmania University | Bachelor's in computer science | June 2014 TO Mar 2017.