

M THRILOK REDDY

DATA ENGINEER

CONTACT

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EDUCATION

MOTHER THERESA ENGINEERING COLLEGE

B.Tech

Computer Science & Engineering

Palamaneru,

Percentage : 64

KEY SKILLS

Programming & Development:

Python (Pandas, NumPy),

SQL, PySpark,

Data Engineering Tools:

Apache Spark, Apache Airflow, Docker

Cloud Platforms:

AWS (Redshift, EMR, Lambda, Glue, S3, DMT)

Databases & Data Warehousing:

MySQL, PostgreSQL, Oracle DB

INTERESTS

Literature

Environmental conservation

Art

Travel

PROFILE

Skilled Data Engineer with 3.7+ years of experience in designing, building, and optimizing scalable data pipelines, distributed systems, and data integration solutions. Proficient in Python, SQL, Apache Spark and cloud platforms (AWS). Expertise in data modeling, performance optimization. Strong ability to transform complex data into high-quality, reliable datasets for analytics and operational use.

EXPERIENCE

Data Engineer

Tata Consultancy and services(TCS)

July 2021–Present

- Automated ETL processes to streamline data transfer between systems, reducing manual effort by 60%.
- Implemented a data visualization solution using DBever, helping business users to better understand and analyze data.
- Evaluated and improved data governance policies and procedures.
- Spearheaded the implementation of a real-time data streaming solution using PySpark and Python, improving data processing speed by 65%.
- Deployed data pipelines on cloud platforms (AWS), leveraging services like S3, Lambda, BigQuery, and EMR for efficient storage and computation.
- Built robust data models and optimized SQL queries, enhancing data retrieval performance and reducing latency by 30%.
- Implemented data validation and governance mechanisms, ensuring data integrity and compliance with industry standards.
- Created automated monitoring and logging systems to detect data quality issues and improve troubleshooting efficiency.