Rajesh Varma (5 Years Experience)

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Professional Summary

Highly skilled **Data Engineer** with **5+ years** of experience in designing, optimizing, and maintaining **data pipelines**. Strong expertise in **Python, SQL, Spark, and AWS**, specializing in **ETL, big data processing, and cloud data solutions**. Passionate about building scalable data architectures for real-time analytics.

Technical Skills

✅ **Programming:** Python, SQL, Scala ✅ **Big Data Technologies:** Apache Spark, Hadoop, Kafka ✅ **Cloud Platforms:** AWS (S3, Redshift, Glue), Azure, GCP ✅ **Databases:** PostgreSQL, MySQL, Snowflake ✅ **ETL & Data Pipelines:** Airflow, Apache NiFi, dbt ✅ **Data Warehousing:** Snowflake, Redshift, BigQuery ✅ **Data Visualization:** Tableau, Power BI

Work Experience

Senior Data Engineer | Infosys | Jan 2022 – Present

- Architected and deployed **real-time data pipelines** using **Kafka & Spark**.
- Led **data warehouse migration** from **on-premise to AWS Redshift**, reducing query time by **30%**.
- Improved **SQL query optimization**, decreasing **data retrieval latency by 40%**.
- Developed **ETL workflows** for structured & unstructured data, handling **10TB+ datasets daily**.

Data Engineer | TCS | June 2019 – Dec 2021

- Built **scalable ETL pipelines** for processing high-volume transactional data.
- Automated **data quality validation**, reducing data inconsistencies by **25%**.
- Developed **Python-based APIs** for seamless integration between data services.
- Collaborated with **Data Science teams** for model-ready dataset preparation.

Junior Data Engineer | Wipro | May 2017 – May 2019

- Designed and maintained **PostgreSQL databases** for customer analytics.
- Assisted in **ETL pipeline optimization**, reducing job execution time.
- Created **Power BI dashboards** for better business decision-making.

Education

🎓 **B.Tech in Computer Science & Engineering Jawaharlal Nehru Technological University (JNTU Hyderabad)** | Graduated: 2017

Certifications

📜 **AWS Certified Data Analytics – Specialty** 📜 **Google Cloud Professional Data Engineer** 📜 **Microsoft Certified: Azure Data Engineer Associate**

Projects

💡 **Customer Insights Platform** – Built a **real-time data analytics engine** for tracking customer behaviors using **Spark & Kafka**. 💡 **Cloud Data Warehouse Migration** – Migrated **petabyte-scale warehouse** from **SQL Server to Snowflake**, improving performance **by 3x**. 💡 **IoT Sensor Data Pipeline** – Developed an **event-driven streaming solution** processing **millions of IoT events per second**.

Soft Skills

🛠 **Problem-Solving** | 📊 **Analytical Thinking** | 📌 **Team Collaboration** | 🔄 **Agile Methodologies**