**LOGITH R**

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**SUMMARY**

I am a Computer Science graduate with 1+ year of experience in data engineering, skilled in ETL pipeline development, data modeling, and database management. Proficient in SQL and Python, with hands-on experience working with structured and unstructured data. Quick learner with strong problem-solving skills and a collaborative mindset.

**EXPERIENCE**

**MuSigma , Bangalore , Trainee Decision Scientist Jul 2024 – Present**

* Built and automated ETL pipelines, improving data **processing efficiency by 20%** and enabling faster delivery of insights in a CPG industry simulation project.
* Designed and deployed Power BI dashboards for a Hotel Booking Demand dataset, visualizing booking trends and cancellations, which enhanced **decision-making speed by 30%**.
* Conducted scenario-based simulations to evaluate packaging strategies, supporting **cost optimization** decisions with a potential **revenue impact**.
* Developed reusable data assets and collaborated across teams to improve data quality, **reduce manual intervention by 25%**, and enhance pipeline scalability.

**PROJECT**

**CPG Industry – Data Driven Business Simulation Project (Ongoing) Jan 2025 – Present**

* Developed scenario-based simulations to evaluate the impact of packaging changes on sales, cost, and sustainability in the CPG domain, providing actionable insights for business decisions.
* Built and automated ETL pipelines using SQL and Python, improving **data processing speed** by implementing **Spark Optimization** technique for faster job runs.
* Designed and maintained data models to optimize **data ingestion, transformation, and storage**, enabling efficient reporting and analytics.
* Implemented **Medallion Architecture (Bronze, Silver, Gold layers)** to streamline data ingestion, transformation, and analytics workflows.
* Implemented data validation and quality checks, ensuring accurate and consistent data **across pipelines and dashboards**.
* Optimized **SQL queries and data workflows** to enhance performance and reduce latency in reporting.
* Gained exposure to cloud-based data platforms (Azure) and applied best practices for pipeline orchestration and monitoring.

**EDUCATION**

B.E., Computer Science Engineering (St. Joseph’s Institute of Technology, Anna University) **May 2024**

**SKILLS**

* **Programming & Scripting**: Python, PySpark, SQL, Linux Commands
* **Big Data & Processing**: Apache Spark, Hadoop, Databricks
* **Data Warehousing & Databases**: MySQL, SQL Optimization
* **Data Modeling & Architecture**: Medallion Architecture, Data Lakes, Data Warehouses, Star/Snowflake Schema, Data Modeling
* **ETL/ELT & Orchestration**: Apache Airflow, Azure Data Factory, Databricks Workflow
* **Cloud Platforms**: Azure (Data Lake, Synapse, Databricks)
* **Version Control & CI/CD**: Git, GitHub/GitLab, Azure DevOps
* **Containerization & Deployment**: Docker