Venkat V

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PROFESSIONAL SUMMARY

A highly skilled Data Engineer with a strong background in data analysis and engineering, experienced in designing and maintaining ETL pipelines, optimizing data processing, and ensuring data integrity in cloud environments. Proficient in using various technologies like SQL, Python, Apache Spark, and Azure Data Factory to enhance data accessibility and efficiency. An effective collaborator capable of translating complex data insights into actionable business strategies.

PROFESSIONAL EXPERIENCE

Data Engineer   **Aug 2024**

Ameriprise Financial   **Minnesota, USA**

- Designed and maintained ETL pipelines using Azure Data Factory, automating data flows for improved efficiency and data accessibility.
- Managed databases and cloud storage in AWS and Azure, ensuring data integrity and high availability for critical applications.
- Optimized data processing with SQL and Python, improving query performance and pipeline efficiency.
- Ensured data quality and reliability through automated validation and transformation using SQL and Python.
- Utilized Apache Spark and Hadoop for large-scale data processing, enhancing performance in distributed environments.
- Orchestrated workflows with Apache Airflow, automating ETL processes for smooth, timely data delivery.
- Integrated Kafka for real-time data streaming, supporting low-latency, high-throughput data processing.

Data Analyst   **Jan 2021 - Nov 2022**

Wipro   **Remote, India**

- Analyzed and interpreted data to provide actionable insights, supporting business decisions and enhancing strategic planning.
- Cleaned and prepared data using SQL and Python (pandas) to ensure accuracy and reliability for reporting and analysis.
- Created dashboards and reports in Power BI and Tableau, delivering visually compelling insights to stakeholders for improved decision-making.
- Identified trends and patterns in data, using Excel and Python (matplotlib) to uncover key business drivers and optimize operations.
- Collaborated with cross-functional teams to understand business needs and deliver data-driven solutions that supported key initiatives and goals.

EDUCATION

- University Of Missouri-Kansas City, USA, Kansas City
  Masters in Computer Science, Computer Science, 2024

CERTIFICATES

- Cloud Practitioner, AWS, 2023
- Azure Data Fundamentals, Microsoft, 2023
- Data Analyst Associate, Power BI, 2023
- Data Engineering with Google Cloud Specialization, Coursera, 2023

SKILLS

- AWS (EC2, RDS)
- MySQL
- Git
- Docker
- Kubernetes
- TDD
- Agile (Scrum, Kanban)
- SQL
- Python (pandas, numpy)
- Excel
- Power BI
- Tableau
- Data Cleansing
- Data Wrangling
- ETL
- Data Pipelines
- Azure Data Factory
- Apache Airflow

- Apache Spark
- Kafka
- Hadoop
- AWS
- Azure
- GCP
- Java
- C
- SQL
- Python
- JavaScript
- HTML5