ABHINAV

Data Engineer

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About Me

Experienced Data Engineer with expertise in ETL development, big data technologies, and real-time data processing. Skilled in Azure Databricks, Azure Data Factory, Azure Synapse Analytics, and optimizing data workflows. Proven ability to enhance data processing efficiency and deliver actionable insights.

Skills

- **Big Data Technologies:** Hive, Hadoop
- **Language & Framework:** Python, PySpark
- **Databases:** PostgreSQL, SQL Server, MongoDB
- **Cloud Services:** Databricks, Azure Data Factory, Azure Synapse, Azure SQL Database

Work History

Consultant - Data Engineering   2024-07 - Current

Tredence Analytics, Gurgaon, India

- Building and managing ETL pipelines in Azure, utilizing Azure Synapse Analytics, Azure Storage, and Azure Synapse Spark pool for efficient data integration and processing.
- Developing and optimizing Delta Live Tables pipelines in Azure Databricks for processing batch data from various sources.

Senior Associate Data Engineer   2024-03 - 2024-07

Publicis Sapient, Gurgaon, India

- Processed large-scale datasets from a major retail chain with over 2400 stores, using PySpark to optimize data transformation efficiency in Databricks.
- Automated end-to-end data workflows handling high-volume transactional, inventory, and sales data using Azure Data Factory (ADF), ensuring scalable and efficient data processing for business insights.

Data Engineer   2021-06 - 2023-08

Fractal Analytics, Bengaluru, India

- Designed, developed, and implemented PySpark scripts for efficient data processing, transformation, and analysis.
- Built robust ETL pipelines using PySpark to extract, transform, and load data from various sources for analysis.
- Conducted performance tuning and optimization of PySpark jobs to enhance data processing speed and efficiency.
- Leveraged Azure ADLS and Data Factory for seamless data integration and storage.
- Recommended optimizations to processing workflows, reducing processing time by 30%.

Associate Business Intelligence Analyst   **2019-08 - 2020-06**

Gen Digital (Formerly Known As Norton LifeLock), Chennai, India

- Enhanced SQL development and Informatica workflows for streamlined data processing.
- Assisted in web scraping tasks using Python, supporting the team in extracting relevant data from web sources.
- Implemented data validation and quality checks to maintain data integrity across different systems.
- Automated data workflows using Python and PySpark, enhancing operational efficiency and reducing manual efforts.
- Contributed to a 20% improvement in data processing efficiency through optimization and automation initiatives.

Education

B. Tech: Computer Science Engineering   **2015-01 - 2019-01**

SRM Institute of Science & Technology, Vadapalani, Tamil Nadu

Certifications

- Microsoft Certified: Fabric Analytics Engineer Associate (2024-11)
- Astronomer Certified: DAG Authoring for Apache Airflow (2024-11)
- Astronomer Certified: for Apache Airflow Fundamentals (2024-11)
- Databricks Certified Data Engineer Professional (2024-10)
- Microsoft Certified: Azure Data Engineer Associate (DP-203) (2023-08)
- Databricks Lakehouse Fundamentals (2023-05)