

LAKMAL SHANAKA

■ +94 7X XXX XXXX | ✉️ xihek38170@fandoe.com | ■ LinkedIn: linkedin.com/in/lakmalshanaka | Colombo, Sri Lanka

Professional Summary

Results-driven Data Engineer with hands-on experience in designing, developing, and maintaining scalable data pipelines and ETL solutions. Skilled in data integration, cloud data platforms, and performance optimization. Adept at transforming raw data into meaningful insights to support data-driven decision-making. Strong problem-solving mindset with a passion for data quality, automation, and analytics.

Core Skills

Programming: Python, SQL, Java
Databases: MySQL, PostgreSQL, MongoDB, MS SQL Server
Data Engineering Tools: Apache Airflow, Apache Spark, Kafka, Hadoop, Pandas
ETL & Data Warehousing: SSIS, AWS Glue, Snowflake, Redshift, BigQuery
Cloud Platforms: AWS, Azure, Google Cloud Platform (GCP)
Data Visualization: Power BI, Tableau, Matplotlib
Version Control & CI/CD: Git, Jenkins, Docker
Other: Data Modeling, Data Governance, API Integration, Agile/Scrum

Professional Experience

Data Engineer | ABC Technologies (Pvt) Ltd – Colombo, Sri Lanka | Jan 2022 – Present

- Designed and implemented end-to-end ETL pipelines using Python and Airflow.
- Built and optimized data warehouse on AWS Redshift for analytics and reporting.
- Developed data validation scripts and implemented automated data quality checks.
- Collaborated with Data Scientists to prepare datasets for machine learning models.
- Reduced data processing time by 40% through query optimization.

Data Analyst (Intern) | XYZ Analytics – Colombo, Sri Lanka | Jun 2021 – Dec 2021

- Assisted in data cleaning, transformation, and visualization using Python and Power BI.
- Created SQL queries for business performance reports.
- Supported migration of data to Google BigQuery environment.

Education

BSc (Hons) in Information Technology (Specializing in Data Science), University of Moratuwa — Graduated: 2021

Projects

Real-Time Data Pipeline for E-Commerce Analytics

- Built a real-time data streaming pipeline using Kafka + Spark Streaming + MongoDB.
- Enabled near real-time analytics dashboard for product performance.

Data Warehouse for Retail Sales

- Designed a star-schema data model and built ETL pipelines using SSIS.
- Improved reporting performance by 50% using optimized queries and indexing.

Certifications

AWS Certified Data Engineer – Associate (2024)
Google Data Analytics Professional Certificate (Coursera)
Microsoft Certified: Azure Data Engineer Associate

Additional Information

Languages: English (Fluent), Sinhala (Native)
Availability: Immediate
References: Available upon request