

LAKSHMANAN R

Data Engineer

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EXPERIENCE

Data Engineer with Analytics Expertise

QubeSpace LLP

01/2021 Coimbatore, India

- Analyzed insurance learning portal data using **MSSQL**, applying **CTE functions, joins, subqueries**, and creating **stored procedures** to optimize queries and generate reports. Focused on data analysis and query performance improvement.
- Integrated MSSQL analytical data into **SSRS** using **Visual Studio**, creating user-based reports, faculty reports, marketing growth reports, and automating user designation certificates.
- Automated SQL stored procedures using **Azure Data Factory (ADF) triggers** and migrated data from **Blob Storage** to MSSQL, supporting marketing growth reporting.
- Migrated **CRM** data to a **dedicated SQL pool** via **Synapse Analytics**, implemented live syncing, and optimized processes for cost-efficiency.
- Designed and implemented data storage solutions using **Azure Data Lake, Azure Databricks**, and ADF to handle large datasets, optimize **data pipelines**, and enable secure data management for digital marketing and CRM records.
- Developed **C#** code for automation through **Cron jobs**, streamlined data migration workflows, and applied cost-optimization strategies for **ETL** and MSSQL processes.
- Designed and implemented scalable and secure data storage solutions using Azure Data Lake, managing **digital marketing and CRM data**.
- Optimized data pipelines by integrating Azure Data Factory, Azure Data Lake, and Databricks for efficient **data movement and transformation** across multiple data sources. Applied **cost-optimization strategies** to ADF, Synapse, and Azure MSSQL environments to enhance performance and **reduce operational costs**.

EDUCATION

M.Sc. Statistics

Bharathidasan University

03/2018 Trichy, Tamil Nadu

B.Sc. Mathematics

Jamal Mohammed College

04/2020 Trichy, Tamil Nadu

SUMMARY

With over 4 years of experience in data analysis and engineering, I specialize in interpreting and optimizing large datasets to drive business growth. My expertise includes integrating data systems, designing scalable data pipelines, and developing automated reporting solutions using tools like Azure Data Factory, SQL, and SSRS. I am passionate about leveraging advanced data processing techniques and data storage solutions, ensuring efficient and cost-effective management of critical business data. Known for my attention to detail, organizational skills, and ability to deliver clear insights through dynamic data visualizations, I aim to drive actionable business results through data.

SKILLS

Analyzing Data	Azure	SSRS
SSIS	Azure Data Factory	CRM
Azure Data Lake	Clustering	ERP
Data Lake	Data Manipulation	ETL
Data Migration	Data Visualization	
Data Flow	Data Warehousing	Git
Lake	Blob Storage	Cron
Data Lake gen2	SparkSQL	
SQL Server	Statistics	Databricks
Azure Synapse	Stream Analytics	
Visual Studio	Data Management	
Database Tuning	Triggers	