THIRUMURUGAN SEKAR

Data Engineer | PySpark/Databricks Developer

Chennai, India | thirumurugansekar1801@gmail.com | +91 8778201409
https://www.linkedin.com/in/thirumurugan-sekar-9187b21b0/

PROFESSIONAL SUMMARY

Overall experience of 3 years as a Data Engineer with strong background in SQL, PySpark and Azure Databricks. Committed to staying abreast of emerging technologies and best practices in data management. Passionate about leveraging data driven strategies to propel organizational success.

WORK EXPERIENCE

COGNIZANT TECHNOLOGY SOLUTIONS   **07/2022 - Present**

CHUBB – Healthy Paws

Associate | Data Engineer   **01/2025 - Present**

- Migrated data from SQL Server to Databricks and Snowflake with accuracy and security.
- Optimized PySpark scripts to load parquet files from ADLS into Delta tables.
- Redesigned SQL Server stored procedures for Databricks to improve maintainability.
- Automated daily/weekly loads, cutting manual work by 90%.
- Performed unit testing on created tables to ensure data quality.
- Resolved defects and delivered stable pipelines on time.

CHUBB – Acers Modernization

Programmer Analyst | Data Engineer   **07/2024 - 01/2025**

- Created optimized queries in Databricks to improve performance and ensure seamless execution.
- Applied best practices for data transformation, integration, and analysis to deliver faster, actionable business insights.
- Developed workflows to automate complex data processing, reducing manual effort and improving efficiency.
- Resolved defects promptly and met deadlines while maintaining high data quality standards.

PEPSICO -MDIP

Programmer Analyst Trainee | Data Engineer   **08/2023 - 05/2024**

- Responsible for migrating data from Teradata to Azure as part of PepsiCo MDIP Team
- We primarily worked with SQL focusing on various DDL and DML operations.
- Actively engaged in the development of notebooks within Azure Databricks, leveraging advanced functionalities to optimize data processing and analysis workflows.
- Implemented robust data migration facilitating seamless data transfer from Teradata.
- Conducted rigorous unit testing upon the completion of notebook development to ensure functionality and reliability.

ALBERTSONS

Programmer Analyst Trainee   **07/2022 - 07/2023**

- Contributed to an internal project aimed at fully automating both client and company timesheets utilizing Power BI.
- Experience in overseeing timesheets and ensuring accurate completion by employees.

SKILLS

- SQL
- PySpark
- Python

- MS Excel
- Databricks
- Azure Data Factory

- Azure Cloud Concepts

EDUCATION

Bachelor's degree in electrical and electronics engineering

St. Joseph's college of Engineering, Chennai   **Graduated:2022**

CERTIFICATION

- AZ-900(Microsoft Azure Fundamentals)
- DP-900(Microsoft Azure Data Fundamentals)

ACHEIVEMENTS

Secondary team lead

Served as secondary Team Lead in PepsiCo, contributing to the effective management of the team and ensuring timely completion of tasks

Working As One

Recognized for exemplary teamwork and collaboration, contributing to successful project outcomes, as acknowledged by the client.

LANGUAGES

- English
- Tamil
- Hindi