# THIRUMURUGAN SEKAR

Data Engineer | PySpark | Databricks | Snowflake | Azure

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## Professional Summary

Results-driven Data Engineer with 3 years of experience building and optimizing scalable data pipelines using PySpark, Azure Databricks, and Snowflake. Proven expertise in migrating large datasets to the cloud, automating ETL workflows, and improving performance by up to 40%. Trusted partner for delivering reliable, high-quality data solutions that empower analytics and business growth.

## Work Experience

### Cognizant Technology Solutions | 07/2022 – Present

#### Associate | Data Engineer – Chubb (Healthy Paws) | 01/2025 – Present
• Migrated datasets from SQL Server to Databricks and Snowflake, ensuring 100% accuracy and compliance.
• Optimized PySpark jobs for Delta Lake ingestion, reducing processing time by 35%.
• Converted legacy SQL stored procedures into Databricks workflows, lowering maintenance effort by 50%.
• Automated daily/weekly data loads, cutting 90% of manual intervention.
• Implemented validation and unit testing, delivering defect-free, production-ready pipelines.

#### Programmer Analyst | Data Engineer – Chubb (Acers Modernization) | 07/2024 – 01/2025
• Designed optimized Databricks queries, improving pipeline throughput by 25%.
• Developed reusable transformation frameworks, accelerating development and reducing cycle time.
• Automated workflows, saving 20+ hours of manual effort weekly.
• Ensured high-quality delivery by resolving defects, achieving 99% SLA adherence.

#### Programmer Analyst Trainee | Data Engineer – PepsiCo MDIP | 08/2023 – 05/2024
• Led Teradata-to-Azure migration for multi-TB datasets, enabling seamless transition.
• Built SQL scripts and Databricks notebooks, improving ingestion and reporting performance by 30%.
• Implemented automated testing, cutting post-production defects by 40%.
• Partnered with cross-functional teams to ensure timely data availability for analytics.

**Programmer Analyst Trainee – Albertsons | 07/2022 – 07/2023**

• Automated employee timesheets using Power BI, reducing reporting cycle time from 2 days to 2 hours.

• Increased compliance and accuracy of timesheet reporting by 95%.

## Skills

• Programming & Data: SQL, PySpark

• Big Data & Cloud: Azure Databricks, Snowflake, Azure Data Factory, Delta Lake, Azure Storage

• Tools & Analytics: MS Excel

• Concepts: ETL Pipelines, Data Warehousing, Data Migration, Performance Tuning, Data Quality, Orchestration

## Education

Bachelor of Engineering in Electrical & Electronics
St. Joseph's College of Engineering, Chennai – 2022

## Certifications

• Microsoft Certified: Azure Fundamentals (AZ-900)

• Microsoft Certified: Azure Data Fundamentals (DP-900)

## Achievements

• Served as Secondary Team Lead at PepsiCo, guiding a 6-member team and ensuring on-time delivery.

• Recognized with 'Working As One' award for exceptional teamwork and client appreciation.