

Aravind Dharmapuri

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SUMMARY

Results-driven Data Engineer with 2.5 years of experience in designing scalable data pipelines, ETL processes, and real-time streaming solutions. Collaborated with cross-functional teams to enhance data accessibility by 40% and accuracy by 25%. Expertise in deploying automated pipelines, increasing data availability for predictive forecasting by 35% and leveraging streaming technologies for real-time analytics to drive data-driven decisions.

WORK EXPERIENCE

Data Engineer: Nisum Consulting Private Limited

Aug 2022 - Present

- Developed real-time data streaming solutions using Kafka and Spark, enabling faster decision-making by reducing data latency by 50% for mission-critical applications.
- Engineered ETL pipelines to extract, transform, and load data from diverse sources, resulting in a 30% reduction in data processing time.
- Implemented crowd-sourcing automation with AI-powered image extraction, achieving 100% reduction in manual effort for product data extraction. Resulted in unparalleled efficiency and accuracy, enhancing data streamlining and product accuracy.
- Led the successful migration of data pipelines from Snowflake to Google Cloud BigQuery, reducing query execution time by 20% and cutting storage costs by 15%, significantly improving overall system performance and cost-efficiency
- Utilized Azure Data Factory and Azure Databricks for optimizing data workflows and increasing efficiency by 35%.
- Utilized Python and SQL to perform data profiling, achieving a 95% data accuracy rate.
- Developed technical documentation, enhancing productivity and workflow efficiency.

SKILLS AND CERTIFICATIONS

- **Technical Skills:** PySpark, SparkSQL, SparkStreaming, Python, SQL, Databricks, Datalake, Bigquery, Snowflake, Azure Data Factory, Microsoft SQL Server, MongoDB, Kafka, Hive, Hadoop, Java, Git, GitLab CI/CD, GitHub Actions, Jenkins.
- **Cloud:** Azure, Google Cloud Platform
- **Certifications:**
 - Microsoft Certified: Azure Data Fundamentals DP-900
 - Academy Accreditation - Databricks Lakehouse Fundamentals V2

EDUCATION

Bachelor of Technology in Computer Science

June 2018 - July 2022

Aurora's Technological and Research Institute

Specialization: Computer Science and Engineering

- President of Computer Society of India at ATRI (2021-2022). Led a community of students, organizing various hackathons and workshops.
- College Team Lead for Project Development, mentored and coordinated student developers to optimize project development.