Karth
(Karthikeyan Baskaran)

+1 437-665-6654
karthikeyanbaskarca@gmail.com
https://github.com/KarthikeyanBaskaran
https://www.linkedin.com/in/karthikeyan-baskaran

Summary

Results-driven Data Engineer with experience in designing and developing scalable data platforms, leveraging data analytics to drive business decision-making and optimize operations.

Skills

Data Engineering: Data Pipelines, Data Warehousing, ETL
Data Analytics: Data Modeling, Data Governance, Data Quality
Cloud Computing: AWS, Snowflake, Cloud Data Warehouses
Programming: Python, SQL, Scala
Data Processing: Spark, Flink, Airflow
Data Architecture: Data Lake, Data Warehouse, Data Integration

Experience

Procurement Specialist   **Nov 2021 - Aug 2023**
Vestas Wind Technology, India
- Designed and developed data-driven supplier evaluation models using Python and SQL, leveraging data analytics to optimize procurement processes.
- Improved project timelines by 20% through predictive analytics for demand forecasting and proactive delay management, utilizing data pipelines and ETL techniques.
- Developed and implemented automation tools using Python, streamlining procurement workflows and enhancing operational efficiency, with a focus on data quality and governance.

Consultant ECM Purchaser, Vestas   **Jan 2021 - Nov 2021**
ManpowerGroup Services, India
- Utilized data-driven insights to optimize procurement strategies, achieving a 10% reduction in production costs and improving operational efficiency by 15%.
- Developed and deployed cloud-based automation tools, resulting in a 30% increase in team productivity and faster completion of routine tasks, with a focus on data integration and pipelines.
- Collaborated with cross-functional teams to define project scope and requirements, ensuring alignment with customer needs and delivering projects 10% faster, using data analytics and visualization techniques.

Procurement Engineer   **Jun 2018 - Jan 2021**
Valeo India
- Designed and developed scalable data pipelines using Python, SQL, and distributed processing frameworks like Spark, focusing on data quality, governance, and strategy.
- Built and maintained data warehouses using Snowflake, leveraging data modeling and architecture techniques to support business decision-making.
- Developed and implemented data quality and governance frameworks, ensuring data accuracy, security, and compliance with business policies and requirements, using tools like Airflow and AWS.

Projects

Data Warehouse Automation: Developed an automated data warehouse using Snowflake, Python, and Airflow, focusing on data pipelines, ETL, and data quality, to support business decision-making. (Data Warehouse, Snowflake, Python, Airflow, ETL, Data Pipelines, Data Quality)

Real-Time Data Pipelines: Designed and implemented real-time data pipelines using Python, SQL, and distributed processing frameworks like Spark, focusing on data integration, governance, and strategy. (Data Pipelines, Python, SQL, Spark, Data Integration, Data Governance)

Cloud-Based Data Governance: Developed a cloud-based data governance framework using AWS, Python, and SQL, focusing on data quality, security, and compliance, to support business decision-making and ensure data accuracy. (Cloud, AWS, Data Governance, Data Quality, Python, SQL)

Education

Diploma in Data Analytics for Business
St. Clair College, Canada   **Sep 2023 - Apr 2025**

Bachelor of Mechanical Engineering
St. Joseph's Institute of Technology, India   **Jun 2014 - Jun 2018**