Karth
(Karthikeyan Baskaran)

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Summary

Results-driven Data Engineer with 5+ years of experience in designing and implementing complex data pipelines, leveraging expertise in Azure Databricks, Azure Data Factory, and Unity Catalog to drive business growth through data-driven decision making.

Skills

Cloud Platforms: Azure, Databricks, Data Factory
Programming Languages: Python, PySpark, SQL
Data Engineering Tools: Unity Catalog, Azure BI, SparkMLib
Data Analysis: ETL, ELT, Data Modeling
Collaboration Tools: Agile, Salesforce, Access Control Lists
Industry Experience: Retail, Digital Customer Marketing, Data Security

Experience

Procurement Specialist   **Nov 2021 - Aug 2023**
Vestas Wind Technology, India
- Achieved a 15% reduction in procurement costs by developing a data-driven supplier evaluation and conducting detailed cost analysis.
- Accelerated project timelines by 20% by implementing predictive analytics for demand forecasting, enhancing project delivery capacity.
- Delivered savings of $35M by developing and deploying Python-based automation tools, streamlining procurement workflows and enhancing operational efficiency.

Consultant ECM Purchaser, Vestas   **Jan 2021 - Nov 2021**
ManpowerGroup Services, India
- Reduced production costs by 10% through process optimization analyses, utilizing data-driven insights to streamline operations.
- Identified potential savings of 3M EUR by analyzing supplier costs and payment credit periods, implementing standardized and efficient procurement strategies.
- Improved operational efficiency by 15% by leading cross-functional collaboration and deploying Lean methodologies.

Procurement Engineer (Intern)   **Jun 2019 - Jan 2021**
Valeo India
- Managed RFx processes across castings, sheet metal, and plastic segments, achieving 10-15% cost reductions through competitive vendor sourcing and procurement strategies.
- Built and maintained a robust supplier base by inducting vendors, implementing double sourcing, and driving localization, resulting in a 20% improvement in supply chain efficiency.
- Executed supplier auctions using digital platforms, reducing overall part costs by 8-12% while ensuring competitive pricing through negotiations.

Projects

Meta Financial Dashboard: Developed an interactive Tableau dashboard to analyze key financial KPIs, delivering actionable insights that improved financial decision making. (Tableau, Financial Analytics, Dashboard)

Customer Churn Analysis: Analyzed and processed raw customer data, applied machine learning to predict churn risk, and visualized insights to guide retention strategies. (Python, Predictive Modeling, Customer Analytics)

Vestas KPI Tracking: Automated employee data collection, analysis, and visualization processes using Power BI, Python, and Excel, improving traceability and key metric visibility. (Power BI, Python, Excel, KPI Tracking)

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**