

# Karth

(Karthikeyan Baskaran)

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## Summary

Experienced procurement specialist with a background in software development and automation. Skilled in Python, Power Query, and SAP automation, driving efficiency and savings through process optimization and strategic management.

## Skills

**Machine Learning & AI:** Prompt Engineering, RAG Development, LLMs (OpenAI, llama, LangChain)

**Data Engineering & Pipelines:** SQL, Azure Data Lake, Data Infrastructure

**Data Visualization:** Power BI, Tableau

**Automation & Efficiency:** Python, VBA, Workflow Automation

**Analytical Skills:** Predictive Analytics, Trend Analysis

**Collaboration & Communication:** Cross-Functional Teams, Stakeholder Management

**Process Optimization:** Operational Efficiency, Cost Reduction

## Experience

### Procurement Specialist

Nov 2021 - Aug 2023

*Vestas Wind Technology, India*

- Developed data-driven supplier evaluation models using SQL and predictive analytics to drive procurement decisions, showcasing Data Science and Data Engineering skills.
- Improved project timelines by 20% through proactive delay management and data-driven insights, demonstrating a proactive and customer-centric approach.
- Utilized Python-based automation tools to streamline procurement workflows and enhance operational efficiency, highlighting autonomy and flexibility in driving change.

### Consultant ECM Purchaser, Vestas

Jan 2021 - Nov 2021

*ManpowerGroup Services, India*

- Analyzed supplier costs and payment credit periods to identify potential savings and implemented standardized procurement strategies, showcasing data-driven solutions and a safety mindset.
- Developed and deployed cloud-based automation tools to increase team productivity and reduce manual effort, demonstrating innovation and scalability.
- Collaborated with cross-functional teams to define project scope and requirements, ensuring alignment with customer needs and showcasing teamwork and communication skills.

### Procurement Engineer

Jun 2018 - Jan 2021

*Valeo India*

- Managed RFx processes across global wind turbine segments, achieving 10-15% cost reductions through competitive vendor sourcing and procurement strategies, demonstrating leadership and driving change.
- Built and maintained a robust supplier base by inducting vendors, implementing double sourcing, and driving localization, highlighting reliability and flexibility.

## Projects

**Data Insights:** Developed an interactive Tableau dashboard to analyze key financial KPIs and deliver actionable insights, utilizing new technologies and data-driven solutions. (Data Science, SQL, Data Visualization, Customer-centric)

**Customer Churn Analysis:** Designed and implemented an ETL pipeline in Python to clean and process large ecommerce customer datasets and performed predictive analytics to identify high-risk churn customers, showcasing data engineering and proactive skills. (Data Engineering, Python, Predictive Analytics, Data-driven solutions)

**Process Automation:** Automated employee data collection, analysis, and visualization processes using Power BI, Python, and Excel to improve traceability and key metric visibility, demonstrating innovation and scalability. (Automation, Power BI, Python, Data Visualization, Emerging challenges)

## 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