

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

- Achieved a 15% reduction in procurement costs by developing Python-based automation tools for workflows.
- Improved supplier evaluation using advanced SQL and Power BI dashboards.
- Integrated ML Flow and Python-based tools to automate RFQ processes, reducing processing time by 40%.

Consultant ECM Purchaser, Vestas

Jan 2021 - Nov 2021

ManpowerGroup Services, India

- Developed predictive analytics models for demand forecasting, improving delivery timelines by 20%.
- Automated internal workflows using Python and Power Query, enhancing team efficiency by 30%.
- Designed a procurement dashboard using Power BI and Cloud Storage.

Procurement Engineer

Jun 2018 - Jan 2021

Valeo India

- Achieved 15% cost reductions through strategic vendor sourcing and procurement strategies.
- Built Power BI dashboards for real-time KPI tracking, reducing reporting time by 40%.
- Developed Python-based tools for cost analysis, saving \$500K annually.

Projects

LLM-Powered Insights Generator: Built a retrieval-augmented generation (RAG) solution using LangChain and Azure AI Search for advanced data insights. Developed agentic workflows (GraphRAG) to streamline large-scale report generation, reducing manual efforts by 50%. (LangChain, Azure AI Search, GraphRAG)

Meta Financial Dashboard: Designed a Tableau dashboard analyzing KPIs like P/E Ratio and Debt to Equity, improving decision-making accuracy for stakeholders. (Tableau, Financial Analytics)

Customer Churn Prediction: Implemented ML algorithms to predict customer churn using Python and Power BI, integrating data transformation workflows with ML Flow. (Python, Power BI, ML Flow)

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