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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 Python-based automation tools for data-driven supplier evaluation and cost analysis, utilizing data analytics and machine learning techniques.
- Designed and implemented data models for procurement data, leveraging Azure Data Factory and Azure Databricks for data integration and processing.
- Created data visualizations using Power BI to track KPIs and supplier performance, enabling data-driven decision-making.

Consultant ECM Purchaser, Vestas   **Jan 2021 - Nov 2021**
ManpowerGroup Services, India
- Analyzed supplier costs and payment credit periods using data analytics and predictive modeling, identifying opportunities for cost savings.

- Developed and deployed cloud-based automation tools using Python and Azure services, resulting in increased team productivity and faster completion of routine tasks.
- Collaborated with cross-functional teams to define project scope and requirements, ensuring alignment with customer needs and delivering projects using agile methodologies.

Procurement Engineer   Jun 2018 - Jan 2021
Valeo India

- Managed RFx processes across global wind turbine segments, achieving cost reductions through competitive vendor sourcing and procurement strategies.
- Utilized Python and SQL to analyze procurement data, uncovering opportunities for cost optimization and developing data-driven negotiation strategies.
- Integrated ERP tools (SAP) to streamline procurement workflows, reducing manual effort and enhancing process accuracy.

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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**

Projects

Data Warehouse: Designed and implemented a data warehouse using Azure Data Lake and Azure Databricks, integrating data from multiple sources and creating a scalable data architecture. (Azure Data Lake, Data Engineering, Data Analytics)

Predictive Analytics: Developed predictive models using Python and machine learning techniques to forecast demand and identify potential supply chain risks. (Machine Learning, Predictive Modeling, Data Science)

Data Visualization: Created interactive dashboards using Power BI and Tableau to visualize key performance indicators and track supplier performance, enabling data-driven decision-making. (Data Visualization, Power BI, Tableau)

Data Warehouse: Designed and implemented a data warehouse using Azure Data Lake and Azure Databricks, integrating data from multiple sources and creating a scalable data architecture. (Azure Data Lake, Data Engineering, Data Analytics)

Predictive Analytics: Developed predictive models using Python and machine learning techniques to forecast demand and identify potential supply chain risks. (Machine Learning, Predictive Modeling, Data Science)