



# RAVI SHEKHAR PATHAK

MIT SCALE Network Supply Chain Graduate (University of Luxembourg)

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Seven years of experience in sourcing/procurement consulting and data analysis driving customers in transforming their supply chain processes. Implemented Procurement IT solutions for Fortune 500 companies in the manufacturing and mining sectors, ranging from € 100,000 to € 3.2 million in the budget, managing a team size of 3 to 7 people.

Certified in data analytics and programming languages, *Python*, *SQL*, *VBA Excel*, and *DAX* in *Power BI*.

## Experience

### Vodafone Procurement Company (Luxembourg)

Sep 2019 – Present

**Industry Thesis:** *Risks and Opportunities associated with Long Tail Spend Management.*

- Designed statistical modeling for live visualization of frequent and non-contracted spends, created operating model for momentary transactions of procuring items in supply chain management.
- Developed risk analysis in the supply chain, calculated risk scores, maintained risk details for associated stakeholders to reduce complexity in legal contract creation.
- Developed machine learning to assist forecasts and savings in long-tail spend management, targeting 4-5% savings on annual spend of around € 1.2 Billion.

### Wipro Ltd., Luxembourg City (Luxembourg)

Jun 2015 – August 2019

#### **Supply Chain Procurement Technology Consultant – SAP Sourcing/Contract Lifecycle Management**

- Provided consulting proposals for clients in enhancing supply chain processes by digitization, optimization and integration of procure to pay processes, eliminated wastes using lean methodology.
- Introduced e-signature for legalizing contracts, integrated contracts with adobe sign, brought down paper and postal charges by more than 80% for the client and reducing contract legalization duration.
- Managed the successful delivery of **Agile Converged Europe (ACE) project**, for integration *SAP ERP with the CLM application*, migrated >40,000 contracts and 1.8 Million line Items maintained in multiple ERP systems to One ERP system, engaged Business and IT on day to day consulting.

#### **Supply Chain Procurement Data Analyst**

- Integrated and automated *reports* from database for *commodities, services, and suppliers on material pricing, spends and payment terms (O3 KPI Project)*, introduced savings opportunities, drove data cleaning/wrangling simplified data management and improved the data quality by 10-30%.
- Used exploratory data analysis and statistical model for organizational spend, improved visibility in spend distribution, assisted business with budget audit, and ensured monthly savings by 2-3%.
- Managed *supplier catalog*, on boarded around 100+ new suppliers including Amazon.

### Capgemini India Pvt. Ltd, Bangalore (India)

Sept 2011 – June 2015

**Clients:** Rolls Royce, Lundbeck, Hilti, Otto

#### **Supply Chain Sourcing and Procurement developer– SAP technology**

- Implemented end-to-end sourcing and procurement solution for multiple clients on cloud platform, performed customization, upgrades, UATs and trainings on procurement processes in SAP technology.
- Developed *Workflows* for Supplier Self-Registration, Projects and Contracts approvals and transactions, enhanced process compliance and achieved suppliers and buyers' satisfaction.
- Designed *Contract Lifecycle Management* for creation, approval and archival of contracts digitally.

#### **Supply Chain Sourcing and Procurement Data Engineer**

- Used SQL to perform ETL activities, created more than 100 reports for Agreements, Projects, RFXs and Supplier in SAP CLM on Oracle database, and developed KPIs to track procurement operations.
- Operationalized process by data cleaning/wrangling on extracted data improving data-driven order to cash process. Maintained dashboards on transactions at every step in Source to Pay.

# Education

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*The University of Luxembourg, LCL MIT SCALE Network Luxembourg  
Present*

*Sep 2019 –*

*Master in Logistics and Supply Chain Management*

- *Procurement:* Sourcing, contracting & negotiation techniques & models, bullwhip effect
- *Operations Strategy:* Trade-offs, demand & supply planning, sales & operations, production planning.
- *Data Science:* EDA, data engineering, time series analysis, machine learning, NLP, forecast accuracy.
- *Inventory Management:* EOQ, demand forecasting, single/multiple period Inventory optimizations
- *Transportation & Logistics Management:* Facility location, Network Design and cost optimization.
- *Supply Chain Finance:* Financial statement analysis, trade financing models, profit on payment terms.
- *Supply Chain Optimization and Process Management.*

*Massachusetts Institute of Technology (MIT), Boston, USA  
MIT SCALE Network Certificate*

*January 2020 – February 2020*

- Team building & supply chain leadership development – Shart Tank Competition, business cases, CXO Talks
- Supply Chain Game, Industrial visits (Boston Scientific, Walgreens)

*Motilal Nehru National Institute of Technology, Allahabad (India)*

*Jun 2007 – March 2011*

- **Project:** *Data modeling and Gene Sequencing in patients with extensive alcoholism.*

# Skills

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- **Sourcing and Procurement:** SAP Ariba Source to Pay, SAP Sourcing/ CLM.
- **Programming Languages:** DAX Power BI, Python, MySQL, C++, VBA, Java,
- **Data Analytics:** Excel, Microsoft Power BI, Python Libraries (NumPy, pandas, scikit-learn, SciPy, etc.)
- **Supply Chain Management:** Procurement, Supply Chain network design, Forecasting, Warehousing.
- **Languages:** English (proficient), Hindi (native), French (beginner)

# Certifications

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- Supply Chain Network Design (Llamosoft)
- Python Programmer (Datacamp)
- Data Scientist with Python (Datacamp)
- SAP Sourcing and CLM (Wipro Limited)
- Digital Next-Ariba Downstream (Wipro Limited)
- PL-SQL L1 (Wipro Limited)

# Volunteer

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- Supply Chain Analyst at Hôpitaux Robert Schuman, Luxembourg. In event of outbreak of COVID-19. (March, 2020)
- Student volunteer and program co-ordinator for education and hygiene development at orphanages in Allahabad, India (June 2007 – April, 2008)