Harish Rudra Jawahar

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(Open to Relocate)

SUMMARY

Purchasing Coordinator with **3+ years** of experience optimizing sourcing, logistics, and manufacturing operations across EV and industrial environments. Proven in **RFx execution**, **procurement**, production planning support, and **Lean Six Sigma** improvement, delivering **10–15% cost savings, improved OTIF, and faster NPI ramp-ups** using **SAP, SQL, Python, Power BI**, and **Excel**. **Actively seeking** ownership-track supply chain, procurement, or operations roles where execution and data-driven planning drive measurable impact.

AWARDS, RECOGNITION, CERTIFICATIONS

- Lean Six Sigma Greenbelt

Associated with TVS Motor Company

- Received Intern of the Year Award for delivering exceptional results and cost savings.

WORK EXPERIENCE

Sprint Global Inc.   **Cary, NC**
Purchasing Coordinator   **Jul 2025 - Present**

Drove measurable improvements in delivery reliability and customs throughput by redesigning multi-lane transportation workflows and implementing analytics-driven delay prevention across domestic and international networks.

- **Improved OTIF performance by 12–18%** by planning and executing **FMC- and CTPAT-compliant FTL/LTL** transportation across domestic and international lanes
- Owned end-to-end coordination of **120+ shipments/month,** including carrier booking, dispatch, documentation, and delivery execution
- Experienced in analyzing and optimizing **ERP** workflows to enhance data accuracy and streamline cross-functional operations, resulting in a 15% improvement in process efficiency
- Used **Microsoft Excel** to develop advanced cost models, including landed cost, TCO, and payment-term impact analyses for sourcing decisions
- Worked extensively with **SAP MM** to analyze spend, track purchase orders, validate vendor data, and support RFx-driven sourcing activities
- Reduced clearance and documentation delays by **25%+** by standardizing Bills of Lading, ISF, commercial invoices, and packing-list workflows
- Developed **Python-assisted delay-detection analytics and ERP/Excel** lane-visibility workflows to flag dwell spikes, late departures, and customs-hold risks — **reducing expedited freight usage by 15%+**
- Led **FTL vs LTL mode-mix analysis** evaluating cost, transit time, damage risk, and carrier reliability — optimizing routing decisions and lowering freight cost per shipment

International Research Center for Powder Metallurgy   **Chennai, India**
Additive Manufacturing Engineer   **Jan 2023 - May 2023**

Optimized SLS parameters for Nd-Fe-B rare-earth magnets using SEM-based validation, improving first-pass yield, dimensional accuracy, and print repeatability.

- Optimized **Selective Laser Sintering (SLS)** parameters for **Nd-Fe-B** rare-earth magnet manufacturing by tuning laser power, scan speed, hatch spacing, and layer thickness to improve melt-pool stability
- Led cross-functional design–engineering–manufacturing reviews to align **CAD geometry,** tolerance requirements, and production constraints—**reducing dimensional deviations and build failures**
- Designed structured process-parameter **trials** and **analyzed** build data to establish optimized parameter windows, improving part repeatability and first-pass yield
- Performed SEM-based **microstructural analysis** and dimensional inspection to validate porosity levels, grain morphology, bonding quality, and tolerance compliance
- Created process control documentation and **SOPs** for **machine setup**, powder handling, scanning strategies, and inspection sequencing to standardize production workflows

TVS Motor Company   **Chennai, India**

Commodity Buyer- NPI   **Jun 2022 - Dec 2022**

Streamlined EV NPI sourcing and supplier onboarding, reducing launch delays by 15% and delivering ~10% cost savings across packaging materials, wiring harnesses, fasteners, and mechanical EV components using Coupa RFx and SAP MM

- Led **EV NPI sourcing &** supplier onboarding for packaging materials, wiring harnesses, fasteners, and mechanical EV components, evaluating **25 suppliers and shortlisting 8 through Coupa RFx**, delivering **~10% sourcing cost savings**
- Built **supplier benchmarking, should-cost, and landed-cost models** using Excel, SQL, Power BI, and SmartSheet to support award decisions, negotiation levers, and category strategies
- Integrated engineering **BOMs into SAP MM** / S/4HANA and aligned with engineering and manufacturing teams on lead-time and manufacturability constraints to reduce NPI ramp-up delays by 15%
- Executed **commercial negotiations and payment-term optimization (NET30 → NET60)** for packaging commodities, delivering **$30K+ annual working-capital benefit**
- Led **NPI sourcing execution, governance, and stakeholder coordination** across engineering, quality, planning, and **15+ suppliers**, ensuring on-time supplier readiness and preventing **15%+ ramp-up delays.**
- Built **Excel & Power BI NPI control dashboards** tracking RFx status, supplier responsiveness, PPAP readiness, and award milestones across **8+ active NPI programs**.

Sripathi Papers & Boards   **Coimbatore, India**
Procurement Analyst   **Jan 2022 - May 2022**

Project 1: Delivered 12% average sourcing savings by leading data-driven multi-plant RFx programs and supplier performance governance across pulp, packaging, chemicals, and MRO categories using SAP, Power BI, SQL, and cost-modeling analytics.

- Drove multi-plant strategic sourcing and RFx programs across **pulp, packaging materials, chemicals, and MRO categories**, delivering **12% average sourcing cost savings** while improving contract compliance.
- Analyzed $70K+ SAP MM spend and historical **PO** data using **Excel**, **SQL**, and simple **Python**-based anomaly checks to identify pricing variances, off-contract purchases, and supplier consolidation opportunities.
- Developed **AI-assisted supplier ranking models and Power BI dashboards** for **15+ RFx events**, improving award quality, OTIF governance, and supplier performance management across **50+ suppliers**
- Built **should-cost, landed-cost, and TCO models** in Excel to decompose supplier pricing into material, freight, conversion, inventory, and financing components, creating negotiation levers for RFx renegotiations
- Implemented early-warning analytics (rule-based and simple **regression models**) to flag abnormal price spikes, delayed **GRNs**, and recurring invoice mismatches—reducing emergency buying risk and strengthening procurement audit readiness.

Project 2: Strengthened supplier governance and delivery reliability across raw-material and MRO categories by leading cross-functional issue resolution and data-driven supplier selection for RFx programs.

- Led cross-functional supplier governance across **15+ active raw-material and MRO suppliers**, resolving delivery delays, quality rejections, and invoice disputes to prevent potential line stoppages
- Performed **root-cause analysis** and built **supplier selection and financial comparison models for 15+ RFx events** in Excel, strengthening award decisions and qualifying alternate suppliers for critical materials
- Built supplier selection matrices and financial comparison **models** in **Excel** for 10+ **RFx events,** analyzing bid-price spreads, **MOQ-driven inventory** carrying cost, and payment-term cash-flow impact to strengthen award decisions and prevent high-cost supplier selections.

PROJECTS

Continuous Improvement by implementing Lean & Six Sigma Methodologies,   **Yanfeng - BMW(Michigan)**
- Enhanced production line efficiency by implementing lean tools, consolidating 18 workstations from 20 using value stream **mapping, KPI - cycle time, workforce utilization**, and **production costs,** resulting in a production target of 53 to 59 cars per day.
- Introduced rotating carriers and optimized motor **configs for 7-sec component transfers**, eliminating
- Improved efficiency by implementing 5S principles, resulting in reduced operator movements (4 seconds/operation)

Automated Pricing and SOW/RFP Generation System for Logistics Client Discover| OpenAI, Zapier, Fathom|
- Developed a **Python**-based pricing **API** using **Flask, hosted on Netlify**, to automate real-time logistics cost estimates with dynamic input levers (e.g., weight, zone, service level)

SKILLS

- **Tools & Technology:** Tableau, Python (NumPy, Pandas, Matplotlib, Scikit-learn, PyTorch), R(dplyr, ggplot2), SQL, Power BI, DAX, MS Suite (Excel, Word, PowerPoint, Power Query), SAP ERP, Oracle, JD Edwards, QuickBooks, NetSuite, Power Automate, Jira, Visio, Power Apps, Microsoft Access, Alteryx, QuickSight, Snowflake, Google Cloud, Salesforce, CRM, Looker, Qlik, KPI Monitoring, Financial Modelling, Dashboarding
- **Data Analysis & Modelling:** Data Visualization, Supply Chain Analytics, Financial Reporting, Vendor Management, Logistics Management, Inventory Management
- **Project & Strategy Management:** Project Management, Process Improvement, Variance Analysis, Forecasting & Budgeting, Root Cause Analysis, DMAIC, Agile SCRUM, Cost-Benefit Analysis

EDUCATION

NORTHEASTERN UNIVERSITY **Boston, MA**

MS in Engineering Management **Aug 2023 - May 2025**

PSG COLLEGE OF TECHNOLOGY **Coimbatore, India**

Bachelor's of Engineering in Metallurgical Engineering **Jun 2019- May 2023**