Omkar Jayawant Tilloo
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SUMMARY

Supply Chain professional with experience in inventory control, materials receiving, and supply distribution in fast-paced operational environments. Skilled in stock replenishment, data entry, and troubleshooting supply discrepancies to ensure accurate inventory and timely supply availability. Proven ability to maintain organized storage areas and support efficient frontline supply chain operations.

WORK EXPERIENCE

Student Consultant | Ally Financial   *Jan 2025 – May 2025*

- Improved inventory planning accuracy by 15% by developing structured tracking models that supported supply ordering, stock replenishment decisions, and inventory data entry workflows across 50+ procurement contracts
- Increased inventory reporting accuracy by 20% by standardizing ERP data entry processes for stock levels, inbound receiving status, and replenishment cycles
- Reduced supply discrepancies by 18% by monitoring inventory flow dashboards and troubleshooting stock allocation issues with cross-functional stakeholders
- Improved operational response time by 25% by coordinating with end users and procurement teams to resolve supply requests and distribution discrepancies

Supply Chain Operations Intern | *Técnicas Reunidas Engineers India Private Limited*   *Jan 2024 – May 2024*

- Increased inventory accuracy by 30% by supporting daily materials receiving, stocking, and inventory reconciliation activities for 500+ SKUs within warehouse operations
- Reduced inbound shipment delays by 12% by coordinating vendor orders, verifying deliveries, and ensuring timely unloading and internal distribution of supplies
- Improved stock organization efficiency by 15% by implementing Lean 5S principles to maintain clean, safe, and organized storage areas aligned with operational safety standards
- Decreased documentation errors by 25% by standardizing receiving logs and performing structured ERP data entry for inventory updates
- Supported periodic PAR-level style replenishment activities, maintaining stock availability and fulfilling an average of 20+ internal supply requests per day

PROJECTS

Institutional Menu Optimization – Institutional Supply Planning & Inventory Optimization

- Improved planning efficiency by 40% by automating manual menu and supply planning decisions using structured optimization modeling, reducing risk of stock shortages and compliance gaps
- Enhanced supply visibility and cost control by 20% by analyzing consumption trends and aligning purchasing with institutional demand

Facility Operations Analyst | PackRec – Smart Facility Analytics

- Improved facility inventory visibility by 30% by centralizing 973 operational records into a structured tracking system supporting materials management workflows

Guatemalan Book Project – Global Logistics & Distribution

- Managed distribution planning for 1,000,000 units of inventory, achieving 30% project milestone completion, by coordinating cross-functional stakeholders and developing structured logistics execution workflows

EDUCATION

- **Master of Engineering Management | North Carolina State University, Raleigh, NC**   *Aug 2024 – May 2026*
  Courses: Operations Research, Project Management, Supply Chain Decision Making, Database Applications

- **Bachelor of Engineering in Mechanical Engineering | University of Mumbai, India**   *Jun 2019 – May 2023*
  Courses: Supply Chain and Logistics management, Operations Planning and Control

TECHNICAL SKILLS

- **Materials Management:** Materials Management, Inventory Management, Healthcare Inventory Support, Receiving & Distribution, Stock Replenishment, PAR-Level Replenishment, Supply Requests Coordination, Inventory Reconciliation, Materials Handling, Inventory Staging
- **Supply Chain:** Supply Ordering, Data Entry, End-User Support, Supply Issue Troubleshooting, Discrepancy Resolution, Frontline Supply Support, Warehouse Operations, Stock Organization, Safety Compliance
- **Procurement & Vendor Management:** Vendor Coordination, Inbound Logistics, Delivery Scheduling, Purchase Order Tracking, Supply Distribution Coordination
- **Systems and Tools:** SAP ERP, COUPA, Advanced Excel, Power BI, SQL, MS Access, MS Project, GAMS, Data Visualization

EXTRA-CURRICULAR ACTIVITIES

Chair | IEEE TEMS | NC State University   *May 2025 – Present*

- Facilitated an industry panel of supply chain and project management experts to mentor students on navigating real-world career challenges.