

VAIBHAV KOTHAPALLY

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SUMMARY

Industrial Engineer with 3 years of professional experience and profound knowledge in Supply Chain, Logistics, Process Improvement and Procurement. A self-driven individual who thrives in a collaborative, fast-paced, team-oriented environments along with the ability to work independently with equal success.

EDUCATION

Master of Science in Industrial Engineering University of Texas at Arlington, Texas.	Aug 2016 - May 2018 3.75/4.00
Bachelor of Engineering in Mechanical Engineering Vellore Institute of Technology, Vellore, India.	Jul 2012 - May 2016 8.20/10.00

PROFESSIONAL EXPERIENCE

Distribution Center Analyst Apparel Group – Dubai, UAE	Apr 2022 – To Present
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- Created **process flow** of end to end DC operations using **Lucid Charts** which provided high level view of key operations which are performed (e.g. Receiving/Putaway/Sorter/Picking/Dispatch)
- Created **budget vs actual dashboards** for warehouse and transportation department using **VBA** in Excel which helped in analyzing and monitoring the expenses on a monthly/YTD basis.
- Analyzed historical inbound shipment timelines and planned the In - transit shipments to the DC which helped in **advanced manpower planning**.
- Designed and maintained multiple DC dashboards using Advanced excel/Power Query which helped the management in monitoring and controlling **key KPI's** (Throughput/man hr, Dock to Stock timeline, Order Fulfillment %, Inventory accuracy % etc.) and **productivity metrics** (Receiving, Putaway, Sorter, Picking & Dispatch Productivity) on a daily/weekly/monthly and yearly basis.
- Analyzed inventory adjustment data on a weekly/monthly basis to understand the root cause and take corrective measures accordingly.
- Provided monthly analysis of aged and zero movement stock to the management which helped in understanding slow moving brands and their monthly cover.
- Provided other ad hoc reports as directed by the management.

Supply Chain Analyst Liwa Trading Enterprises – Abu Dhabi, UAE	Mar 2021 – Mar 2022
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- Lead daily review meeting to provide detailed analysis on **demand changes and supply chain risks**.
- Provided biweekly analysis of on-hand inventory using advanced excel to reduce aged stock for active brands.
- Compared and projected sales vs stock on hand to understand the root cause of excess inventory.
- Coordinated with brand teams to obtain detailed inputs related to incoming shipments.
- Prepared weekly **demand forecast vs actual** reports to address deviation % in a timely and effective manner to respective brand managers.
- Prepared **10 day rolling plan** to manage upcoming shipments of respective brands.
- Designed and maintained excel dashboards for E – Commerce orders to analyze the root cause of delayed orders and reduce the lead time of delivering goods.
- Analyzed inbound/outbound, 3PL warehouse performance and provided monthly/weekly KPI reports to the management.
- Evaluated supplier performance of various brands to understand shortage/damage issues.

- Analyzed historical data and finalized the End – End lead times of shipments from various origins which helped brand teams to plan intakes accordingly.
- Created **swim lane process flows** of cross dock brands which provided transparency of processes at every stage with clear responsibilities of stakeholders to the management.
- Created a financial model using advanced excel for **calculating costing factor %** based on historical data.
- Created and maintained **Logistics (Inbound and Outbound) report** which provided clear visibility on historical and futuristic intakes/allocations on a weekly/monthly/quarterly and yearly basis to the top management.
- Provided insights on **freight savings (2.3 M)** on import shipments by analyzing the inbound tracker vs the budget.
- Provided other reports as directed by the management.

Buyer Planner

Aug 2018 – Oct 2019

RPC Bramlage Morgantown – Morgantown, PA, USA

- Forecasted monthly customer demands across the USA and Europe to satisfy customer requirements using **SAP PP and MM modules**.
- Purchased raw materials such as color, resin, pallets etc. and non-stock items as needed to support the master schedule of production.
- Processed Purchase Requisitions (PR) and Purchase orders (PO's) by cross checking MOQ, Price list using **SAP MM** module.
- Processed sales orders in **SAP SD** to confirm the expected availability dates to the CSR team.
- BOM creation and management using **SAP PP**.
- Generated Weekly OTIF (On -Time In Full) reports using Excel to achieve **95%** on – time delivery.
- Maintained strong supplier relationship by monitoring and delivering orders as per the INCO terms.
- Maintained Safety Stock levels by ensuring that excess inventories are minimized.
- Reported about 250+ obsolete inventory by tracking on hand, forecasts and slow – moving inventory.
- Responsible to coordinate the scheduling of machines and its production activities in the factory.
- Coordinated information flow to the operating departments via production schedules.
- Updated the schedule daily to balance machine efficiencies and customer needs.
- Lead daily production meetings to ensure smooth workflow.
- Used S&OP process to communicate in advance any issues that are at risk in the MPS.
- Helped the shipping team by coordinating with freight forwarders.
- Collaborate cross functionally with Sales, Purchasing, Upper Management, and Quality as necessary.

SKILLS

Logistics Management	Six Sigma	Lean Manufacturing	Quality Control
Inventory Management	Warehouse Management	Production Planning	Process Analysis
Negotiation	Cost Analysis	Time Study Analysis	Purchasing

SOFTWARE APPLICATIONS

SAP (PP, MM, SD Modules), MS Office Suite (Advanced Excel, Word, Power Point), MS NAV, Power Query

ACADEMIC PROJECTS

Auto Forecasting Sales

Mar 2018 – May 2018

- Collected data and applied various forecasting techniques to determine forecast using Advanced Excel, Mini- tab.
- Utilized Exponential Smoothing, Additive Seasonal Forecast, and Weighted Moving Average and Simple Regression methods.
- Calculated quantitative metrics like MAD, MAPE, Forecast Error, Tracking Signal and chose Additive Seasonal Forecasting method as the best data forecasting model.

SAP Configuration Cases

Aug 2017 – Dec 2017

- Solved case studies for **Global Bikes Inc.** in Financial Accounting, Procurement, Fulfillment, Production, and Material Planning.
- Generated Purchase orders, Product Distribution, RFQ, RFP, Goods Receipt and Issue, Invoice, BOM.
- Acquired Hands-on experience in functional SAP ERP modules such as FICO, PP, MM, and SD.

Quality Analysis of Chips

Sep 2017 – Dec 2017

- Analyzed the process flow of chips using MS Visio and found problems based on customer complaints using the Pareto chart.
- Brainstormed problems such as Variation in Salt/Seasoning mix and crispness of the chips.
- Used Ishikawa diagram, Driver diagram, FMEA and 5 Why Analysis to solve the problems.
- Achieved **10%** reduction in variation of salt content using DMAIC and Statistical Process Control (SPC) tools like control chart.

Direct Time Study Analysis

Aug 2016 – Oct 2016

- Data compilation of performance rating observed time was done using a Decimal Minute stopwatch.
- The standard time calculated was 1.2 min using Snap – back method and suggested measures to increase productivity by giving more training to the workers to increase their pace.
- Implemented the suggestions which improved the worker efficiency by **62.5 %**.

CERTIFICATIONS

- Lean Six Sigma Certified Professional, Issued by: International Supply Chain Education Alliance
- Certified Supply Chain Professional (CSCP), Currently Pursuing through APICS.
- SAP Student Recognition Award, Issued by: The University of Texas at Arlington.
- Supply Chain Logistics, Issued by: Coursera.
- Data Analytics for Lean Six Sigma, Issued by: Coursera.

PERSONAL INFORMATION

- **Date of Birth:** 08 Nov 1994
- **Birth Place:** Dubai
- **Current Address:** Al Barsha, Dubai, UAE
- **Nationality:** Indian
- **Marital Status:** Married
- **Languages:** English, Hindi, Telugu
- **Passport Details:** V8331497 valid till 21 Sep 2031
- **Visa:** Resident Visa
- **Driving License:** UAE Driving License valid till 2023