

# RICKY T SATHAPATHI

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## SUMMARY

Supply chain and data-driven planning professional with 3+ years of experience supporting regulated pharmaceutical and ophthalmic-device environments (FDA/cGMP, GMP). Proven track record managing large SKU portfolios (150–200+), ensuring data accuracy for planning and fulfillment outcomes (service levels, OTIF, inventory turns), and strengthening decision-making through structured data standardization and analytics. Experienced partnering cross-functionally with Procurement, Operations, Finance, Quality, and Regulatory to validate product/SKU readiness for new launches and ongoing supply.

## EDUCATION

### California State University - Northridge

Master of Science in Manufacturing Systems and Engineering Management

Spring 2025

GPA: 3.76/4

## WORK EXPERIENCE

### Supply & Demand Planning Intern - Alcon Laboratories Inc. (Pharma Division) – Irvine, CA

Jan 2025 – Dec 2025

- Coordinated monthly SIOP cycles for 200+ ophthalmic SKUs, aligning demand signals with production capacity and procurement planning to support reliable supply and high service performance.
- Strengthened SKU-level planning data quality by validating and standardizing forecasting, inventory, and performance inputs used for executive SIOP reviews and operational decision-making.
- Applied statistical forecasting and predictive analytics to improve forecast accuracy by 15% and reduce bias, enabling cleaner demand signals for downstream replenishment and order fulfillment.
- Built Power BI dashboards to monitor Forecast Accuracy, Inventory Turns, and OTIF—improving visibility and consistency of KPI definitions across stakeholders.
- Supported 12 new product launches under GMP guidelines by coordinating cross-functional alignment (Operations, Procurement, Quality) and ensuring planning readiness that reduced stockout risk.

### Supply & Demand Planning Analyst —Dr. Reddy's Laboratories - Bengaluru, India

June 2022 – July 2023

- Managed demand forecasting and materials planning for 150+ SKUs across three FDA/cGMP-compliant manufacturing facilities, ensuring stable supply and high availability across product lines.
- Improved demand responsiveness by 18% and reduced forecast variability by 15% through predictive modeling and consensus planning, increasing reliability of SKU-level planning outputs.
- Optimized inventory levels and replenishment policies, delivering a 20% reduction in excess inventory while sustaining 99.2% availability.
- Presented SIOP recommendations to executive leadership, influencing \$50M+ procurement and capacity decisions.
- Partnered with Quality and Regulatory to ensure supply plans and execution data supported FDA validation expectations and GMP traceability requirements.
- Supported SKU rationalization and inventory health analysis to reduce slow-moving inventory exposure and improve clarity of product groupings for planning and reporting.

### Quality & Supply Operations Associate, Vertocity – Hyderabad, India

Aug 2021 – Jan 2022

- Supported production and capacity planning for manufacturing lines in a regulated environment.
- Analyzed production and inventory data to synchronize material availability with manufacturing constraints, improving throughput by 10%.
- Applied predictive maintenance models to reduce downtime by 25% and save \$150K annually.
- Ensured compliance with GMP and ISO standards in batch release and material handling processes.

## PROJECTS

### Integrated Supply, Demand & SIOP Simulation | Alcon Laboratories Inc | Spring 2025

- Designed a multi-period demand and supply forecasting model using sales, prescription, and market trend data to improve planning visibility for sterile compounding operations.
- Facilitated cross-functional SIOP sessions integrating Sales, Procurement, and Operations inputs to align production capacity, material availability, and service-level objectives.
- Built interactive Power BI dashboards tracking KPIs such as Forecast Accuracy, Inventory Turns, OTIF, and Capacity Utilization, enabling data-driven decision-making by leadership teams.

### End-to-End Logistics & Inventory Optimization | CSUN Capstone | Spring 2025

- Designed and simulated a multi-node distribution network for pharmaceutical and industrial supply chains, balancing logistics cost with service performance.
- Compared hub-and-spoke versus direct delivery models, recommending a hybrid strategy that cut costs by 12% while sustaining high service levels.
- Created interactive dashboards to present KPIs such as OTIF, cost-to-serve, and warehouse utilization, enabling data-driven optimization for stakeholders.

### Supplier Quality Improvement – Six Sigma Project

- Applied the DMAIC framework to improve supplier performance, achieving a 12% reduction in procurement-related defects and strengthening supplier reliability.
- Conducted root cause analysis using Fishbone and 5 Whys, implementing CAPA measures that improved compliance and reduced supply chain risks.
- Standardized procurement workflows and supplier evaluation scorecards, ensuring long-term quality improvement and consistent material availability.

## CERTIFICATIONS

- Lean Six Sigma Green Belt
- APICS CPIM – Certified in Planning & Inventory Management

## SKILLS

Demand Forecasting | Inventory Optimization | Sales & Operations Planning (S&OP) | Tactical Purchasing | Procurement & Supplier Management | ERP/MRP Systems (SAP) | Lean Six Sigma (DMAIC) | Logistics & Distribution | Power BI | Continuous Improvement | Oracle Cloud SCM | MAPE