

Rutwik Satish

Boston, MA | (857) 398-0767 | satish.ru@northeastern.edu | [LinkedIn](#) | [GitHub](#)

SUMMARY

Merchandise Planning & Supply Chain Analyst with hands-on experience supporting SKU-level inventory analysis, forecasting, and in-season performance reporting. Accomplished measurable improvements in service levels, inventory efficiency, and reporting accuracy by translating demand, inventory, and operational signals into actionable planning insights. Strong Excel and Tableau user with experience partnering cross-functionally to support inventory availability, risk mitigation, and data-driven decision-making. Seeking a Merchandise Planning & Allocation Analyst role focused on inventory, sales, and margin optimization.

WORK EXPERIENCE

Ativegh Logistics Pvt. Ltd. | *Logistics Intern*

Dec 2023 - May 2024

- Improved inventory availability by analyzing SKU-level inventory positions and material flow, as measured by a 15% increase in service levels, resulting in reduced stock-out risk for core items.
- Optimized inventory efficiency by tracking stock velocity and replenishment patterns in Excel, resulting in a 10% reduction in working capital.
- Enhanced in-season decision support by compiling weekly KPI reports on inventory movement and variability, resulting in a 9% improvement in process efficiency.
- Accelerated execution cycles by collaborating with planning and operations teams and delivering Tableau dashboards, resulting in 20% faster execution timelines.

Mercedes-Benz Research & Development India Pvt. Ltd. | *Industrial Engineering Intern*

Apr 2023 - Oct 2023

- Improved supply reliability by conducting root-cause analysis across 25+ production assets, resulting in a 10% reduction in repeat issues impacting downstream availability.
- Reduced planning errors by 8% and kept projects on schedule by validating supplier and process updates with PPAP-aligned documentation and Excel tracking sheets
- Increased reporting accuracy by building Excel dashboards, resulting in a 30% improvement in data accuracy.

PROJECTS

PlanPulse | <https://planpulse.streamlit.app/>

- Built a decision-support application translating weekly demand shifts, inventory positions, and supply risks into prioritized planning actions.
- Designed explainable service-versus-cost trade-off logic to support in-season planning decisions.
- Automated weekly performance summaries, reducing manual reporting effort and improving transparency.

Adaptive Supply Chain Decision Engine (ASCDE) | <https://scdt-app.streamlit.app/>

- Developed forecasting and prioritization models integrating historical trends, demand volatility, and inventory exposure.
- Applied time-series analysis and variability measures to assess forecast risk and service-level exposure.
- Delivered Excel and Tableau dashboards for SKU-level performance visibility.

SKILLS

- **Merchandise Planning & Analytics:** SKU-level analysis, inventory optimization, forecasting, in-season risk monitoring
- **Tools & Technology:** Microsoft Excel, Tableau, Python, SQL, SAP/ERP
- **Supply Chain & Operations:** Inventory management, replenishment analysis, material flow tracking

EDUCATION

Northeastern University

Master of Science, Engineering Management (GPA: 3.67 / 4.0)

Sep 2024 - Apr 2026

Boston, MA

Dayananda Sagar College of Engineering

Bachelor of Engineering in Industrial Engineering & Management (GPA: 3.45 / 4.0)

Aug 2019 - Jul 2023

Bengaluru, India

LEADERSHIP

Centre of Performing Arts, Dayananda Sagar College of Engineering | *Deputy Head – Logistics*