Niket B. Mistry

Email: niketmistry7@outlook.com
LinkedIn
Mobile: (984)-202-9639

EXPERIENCE

American Eagle Outfitters - Quiet Platforms
Pittsburgh, PA

Manager - Operations Excellence
May 2021 - Present

- Responsible for fulfilment center layout design, MHE selection, and storage strategy. Led flow design and slotting initiatives that led to 10% improvement in pick rates
- Developed a SKU selection algorithm in python which improved ASRS system throughput by 4X that resulted in $1.5 MUSD in labor cost savings
- Developed Flexsim simulation model to improve throughput of put-to-light system, recommended a solution that saved three weeks for downtime the fulfillment center
- Responsible for developing and presenting business cases for process and technology enhancement to improve warehouse throughput
- Developed production planning model in excel and snowflake, responsible for engineered labor standards for all processes at fulfillment centers
- Developed various PoC algorithms in python & SQL to optimize picking, slotting and planning processes. Worked on WMS deployment of the algorithm for cluster picking
- Developed SQL queries in snowflake and led Tableau dashboard implementation for operations reporting

Volvo Group
Greensboro, NC

Lead - Demand and Inventory Planning
Oct 2020 - May 2021

- Led a team of demand & inventory analysts that oversaw aftermarket planning for service parts operations
- Led a strike contingency program for 100K+ parts by repositioning inventory of critical SKUs throughout the network that led to an effective negotiation of contracts with the labor union
- Responsible for quarterly finance & budgeting for inventory and capital expenses for distribution centers

Analyst - Supply Chain Optimization
May 2018 - Oct 2020

- Developed S&OP process & partnered with cross functional teams to conduct planning cycles which improved information visibility and risk mitigation
- Delivered inventory planning ramp-up strategies of 6 MUSD for two distribution centers across North America, achieved 80% customer facing fill-rate
- Improved existing R & Python inventory optimization models, achieved 1.5% fill-rate increase by implementing parameter outputs in SAP
- Built dashboards in PowerBI to track forecast accuracy & parts availability, increased back-order allocation by 12% by improving allocation algorithm
- Team lead for Continuous Improvement program, provided training and coaching for lean & six sigma tools

EDUCATION

North Carolina State University
Raleigh, NC

Master of Science in Industrial and Systems Engineering
Aug. 2016 – May 2018

KSV University
Gujarat, India

Bachelor of Engineering in Mechanical Engineering
Aug. 2012 – July 2016

CERTIFICATIONS

Google Advanced Data Analytics Professional, Program Management Foundations, LinkedIn Advanced PowerBI, Python for Data Science and Analytics, Purchasing Foundations, Lean Six Sigma

SKILLS

Software/Tools: AutoCAD, FlexSim, SnowFlake, SQL, Python, Google BigQuery, Azure Data Studio, SQL Server, R, PowerBI, Advanced Excel, Tableau, SAP, DAX, MS Power Platform, GitHub, Google Sheets

Engineering/Analytics: ABC analysis, Slotting, Demand Planning, Fulfilment optimization, Management Science, Labor & Production Planning, Forecasting, Inventory Planning, Lean Six Sigma, Continuous Improvement, DMAIC, Program Management, S&OP, Data Analytics, Data Science, Simulation Modeling