

Kamlesh Pandey

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EDUCATION

Master of Science, Industrial Engineering Aug 2021 – May 2023
North Carolina State University, Raleigh

Bachelor of Technology, Mechanical Engineering Aug 2011 - May 2015
Dehradun Institute of Technology, Dehradun Percentage: 75.5%

EXPERIENCE

Supply Chain Optimization Analyst, NewAge Product Designs Private Limited Feb 2021 - Aug 2021

- Prepared optimal container loading plans in Cubmaster solver to maximize space utilization, saving an average of two 40" HQ containers each month
- Identified potential stock issues in advance at 13 distribution centers across the USA and Canada and prioritized inbound shipment accordingly
- Maintained Item Master Data / Product Specification database of Non-Garage SKUs by achieving more than 90% accuracy in database
- Monitored inventory level at 13 distribution centers and flagged overstock, out-of-stock, and slow-moving inventory
- Audited inventory movement of Non-Garage SKUs at the warehouse and compared with SAP system

Supply Chain Planning Manager, Reliance Industries Limited, Mumbai Jun 2015 - Feb 2021

- Configured 1400+ retail outlets of RIL and British Petroleum (RBML) in RIL's SAP system with 100% compliance
- Generated purchase requisition for approx. 44 active dispatch units fortnightly basis using SAP's MM module, approx. 90-105 TKL purchase per month
- Co-ordinated logistic planning and scheduling of Oil tankers across all RIL's coastal and rail terminals of India for five government and private companies with daily sale of 190 TKL
- Maintained and monitored customer master database of five Oil marketing companies in SAP
- Configured Trading locations / dispatch units including vendor creation, product configuration, and plant creation, currently strategic 44 active trading locations pan India.
- Handled Master Data, Inventory Management, and material requirement planning for domestic customers.
- Worked as a liaison between Terminal and Head Office operations for material, vendor, and customer related issues
- Handled product movement via rail rakes from Jamnagar refinery to RIL's rail terminal average 70 rakes, approx. 180TKL in a month for three hinterland terminals

PROJECT

Vessel Scheduling Model with Profit Point (Aspen Technology Partner) ~RIL'18

- Worked with the Analytical team of Profit Point for coastal scheduling model for an optimized loading plan for 90 to 120 forward days

Rail Planning & Scheduling Model (What's Best Solver) ~RIL'18

- Non-linear optimization model for product movement via rakes, generating optimized wagon and plant combination as a decision variable for meeting all constraints at three rail terminals

Pan India BSIV to BSVI conversion ~RIL'20

- Operational planning and scheduling for pan India BSIV to BSVI conversion of rail gantry, retail outlets, and dispatch units.

RBML (Reliance BP Mobility Limited) Company Configuration ~RIL'20

- Created customer master database of approx. 1400 retail outlets of RBML (British Petroleum and RIL joint venture) company in RIL's SAP system

Terminal SAP integration ~RIL'17

- Integration of oil tankers loading process from the terminal with the SAP team, provided FIORI based web app for online indent creation and tracking of Tank truck, led to cycle time reduction and reduction of manual labor.

Leaf Diseases Classification Using TensorFlow (ISE-535) ~ Fall'21

- Machine learning model to predict class of a test image out of four disease class using pretrained neural network models in TensorFlow

SKILLS

Software Skills: Microsoft Excel | Excel Analysis | Python | TensorFlow | Scikit-learn | Pandas | NumPy | Matplotlib | Julia

Professional Skills: Supply Chain Planning | Freight Management | Demand Planning | Purchase Requisition | Rail Scheduling | Customer Service | Container optimization | Customer Service | SAP | Demand Planning | Purchasing