

PRASANTH GOPALAN

SENIOR LOGISTICS ENGINEER



CONTACT

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Coimbatore

EDUCATION

- MBA in International Transportation and Logistics
- Indian Maritime University (central government of india)
- 2020 - 2022
- BCA in Computer Applications
- Bharathiar University
- Graduated 2020

CERTIFICATIONS

- Advanced Certification in Discrete Plant Simulation
- Data Analytics in Power BI and ETL Certification

COURSES

- SIEMENS INDIA-Completed both Basic and Advanced courses in Siemens discrete event simulation and Certified as a Simulation Engineer
- Greens tech , chennai
Power BI, Data Analytics

PROFILE

Dynamic Logistics Professional with 2.6 years of experience specializing in part list creation, PFEP (Plan for Every Part) file creation, and surface calculation. Expertise in logistics optimization, material flow simulation, and data-driven decision-making. Proficient in tools like Power BI, Tecnomatix Plant Simulation, and VBA, aiming to drive operational excellence and innovation in supply chain management

CORE COMPETENCIES

- Logistics Expertise: Part List Creation, PFEP File Management, Surface Calculation, Material Flow Simulation
- Technical Skills: Power BI, Tecnomatix Plant Simulation, VBA Macros, PowerApps, Power Automate
- Analytical Skills: Data Analysis, Process Optimization, KPI Evaluation
- Management Skills: Team Leadership, Project Management, Training & Development

PROFESSIONAL EXPERIENCE

SENIOR LOGISTICS ENGINEER

Stellantis, Chennai

Nov 2023 – Present

- Developed and executed logistics simulation models using Tecnomatix Plant Simulation, optimizing operations across the body shop, warehouse, and general assembly areas for projects in Europe, South America, and North America.
- Created and maintained PFEP files to enhance inventory management and streamline production planning for manufacturing plants.
- Directed part list development projects, ensuring accurate and efficient logistics coordination in key manufacturing areas.
- Designed automated Power BI dashboards to monitor real-time logistics KPIs, supporting decision-making processes.
- Ensured BOM accuracy and managed ECOs for various manufacturing projects.
- Collaborated with cross-functional teams to implement logistics strategies tailored to body shop, warehouse, and assembly requirements.

Data Analyst - ETL Testing & Data Analytics

Moulton Tech, Chennai

Jul 2022 – Oct 2023

Conducted ETL testing to ensure accurate data extraction, transformation, and loading processes.

Analyzed logistics and supply chain data to identify inefficiencies and recommend actionable solutions.

Developed interactive Power BI dashboards to track and visualize supply chain metrics.

Automated business workflows using PowerApps and Power Automate, improving operational efficiency.

KEY PROJECTS

- Part List Creation & Optimization

Designed and optimized part arrangement strategies using NFC and Corail web tools to minimize transit time and maximize space utilization across logistics processes in body shop, warehouse, and general assembly areas.

- PFEP File Development

Led the development of comprehensive PFEP files for projects in Europe, South America, and North America, enabling precise inventory management and streamlined production tracking.

- Surface Area Calculation

Conducted detailed surface analyses to optimize warehouse layouts and transportation logistics, improving capacity utilization by 15% for manufacturing plant operations.

- Logistics Simulation & Material Flow Optimization

Simulated logistics processes using Tecnomatix Plant Simulation, improving internal material flow efficiency and reducing lead times by 10% for manufacturing plants globally.

- Power BI Dashboard Implementation

Designed and deployed Power BI dashboards for real-time logistics monitoring, enabling effective KPI evaluation and decision-making for global supply chain operations.

DECLARATION

I hereby declare that the above furnished details are true to my knowledge and belief.

COIMBATORE

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