

NAGASUBRAMANIAN THIYAGARAJAN

+1 (512) 563 6842 ♦ Austin, TX ♦ nt22843@eid.utexas.edu ♦ [LinkedIn](#)

EDUCATION

Masters in Business Analytics, McCombs School of Business - UT Austin 2026 - 2027
Masters in Transport, Infrastructure & Logistics, TU Delft 2020 - 2022
• **ExxonMobil Industry Thesis**: Freight transportation data-sharing framework for supply chain decision-making.
Bachelors in Mechanical Engineering, Amrita Vishwa Vidyapeetham 2016 - 2020

EXPERIENCE

Senior Supply Chain Strategy & Analytics Specialist Sep 2024 - June 2026
The Dow Chemical Company *Terneuzen, NL*

- Optimized global sourcing and transportation networks by evaluating sourcing scenarios with manufacturing, procurement, and business teams using AIMMS optimization models, delivering **\$15M** in NPV.
- Mentored 5 supply chain analysts through project coaching, technical guidance, and stakeholder engagement, strengthening analytical and operational decision-making capabilities.
- Enhanced enterprise asset utilization by partnering with manufacturing sites to identify operational bottlenecks through enterprise dashboards, uncovering **\$7.1M** in annual savings opportunities.
- Championed enterprise-wide Cost-to-Serve initiatives by integrating financial and operational data into a cloud-based Finance Hub, delivering cost simulations that identified **\$2M+** in operational cost reduction opportunities.
- Standardized production planning workflows by automating quality-loss tracking and planning activities, reducing quality losses and increasing working capital by **\$50K** per production cycle.

Supply Chain Rotational Program - Business Planning & Logistics Sep 2022 - Aug 2024
The Dow Chemical Company *Terneuzen, NL*

- Directed logistics operations across two warehouses supporting Dow's Belgium operations, coordinating 15 logistics coordinators and Logistics Service Providers to reduce container residence time by **44%**, improving material availability and customer service reliability.
- Spearheaded strategic carrier initiatives with DHL, Transfennica, Transuniverse, and EIKON, implementing lane expansion, intermodal transportation, and Proof of Delivery to improve operational efficiency and sustainability.
- Improved end-to-end shipment visibility across Europe, India, and South Africa through deployment of FourKites, increasing real-time visibility from **69% to 87%** via KPI governance and supplier performance management.
- Partnered with EHS and site leads to deploy real-time near-miss and incident tracking across EMEA, cutting reporting time from two weeks to same-day and lifting near-miss reporting by **23%** for proactive risk analysis.
- Established operational excellence KPIs to improve shipment data quality and geo-location accuracy, earning Dow's *Compass Award for Excellence in Supply Chain Digitalization*.
- Drove operational excellence through cross-functional Sales & Operations Planning (S&OP), leading operational reviews and warehouse gemba walks to optimize inventory, generating **\$1.3M** in working capital.
- Reduced inefficient inventory by **\$5.7M** through forecasting and inventory optimization techniques within recurring S&OP cycles.

SKILLS

- **CORE**: Supply Chain Strategy • Operations Management • Transportation & Logistics • Continuous Improvement • Sales & Operations Planning (S&OP) • Cross-functional Leadership
- **TECHNICAL**: SAP ERP/HANA • OMP • Oracle TMS • AIMMS • Python • SQL • Power BI

SELECTED INDUSTRY EXPERIENCE

- **Kraft Heinz**: Developed supply chain performance dashboards supporting On-Time In-Full (OTIF) performance monitoring for the Japan Business Unit, improving KPI visibility by **21%**.