

VANSH THAKKAR

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EDUCATION

Purdue University
Bachelor of Science, Industrial Engineering
Minor: Political Science
GPA: 3.53 / 4.0

West Lafayette, IN
May 2024

PROFESSIONAL EXPERIENCE

Microsoft Corporation
(Incoming) Technical Program Management Intern

Redmond, WA
May 2023 – Aug 2023

- Developed a scalable and effective technical strategy to support the rhythm of the business and organizational goals.
- Created and evaluated reports, dashboards, tabular models, and analytical insights to drive efficiency and business solutions.
- Managed project implementation: resource allocation, progress tracking, change control, testing, documentation, and training of technical development and product planning teams.

Tesla, Inc.
Logistics Data Analyst Intern - Transportation

Fremont, CA
Jan 2023 – May 2023

- Developed 15+ reports and data visualizations for Key Production Indices (KPIs) to facilitate decision-making across the Service and Energy Logistics Team using SQL, Tableau, R, and Python, catering to both technical and non-technical audiences.
- Collaborated with 15+ third-party carriers, including FTL, LTL, ocean, and rail, to optimize on-time performance and delivery standards while reporting current and accurate transit lead times to internal stakeholders.
- Analyzed the transportation management system to identify process improvements, uncover inefficiencies, and report them to product management teams, while planning for immediate and long-term solutions and following up with stakeholders on timelines causing \$200k+ in savings.
- Partnered with stakeholders to automate manual workflows and drive efficiency and compliance in cost audits and material planning using Python and R reducing 15+ hours of manual work each week.

Penske Logistics LLC – Starbucks RDC
Logistics Engineering Intern - Warehousing

Dallas, TX
Jun 2022 – Aug 2022

- Learned the 3PL warehousing processes: receiving, inventory management, allocation, picking, loading.
- Reduced average time to pick an order by 12%, saving \$360k per annum by strategically re-slotting over 1500 SKU's analyzing different attributes like dimensions, weight, demand, hazmat status etc.
- Developed a dashboard to analyze and flag items that were likely to cause line-downs earlier in the day and suggested increase in the slots and re-plen frequency.
- Drafted and implemented Standard Operating Procedures (SOPs) for inventory management processes.
- Conducted Kaizen analysis, validated Value Stream Maps by conducting time-studies and identifying touch points.

Karbon Steel Engineering Pvt. Ltd.
Project Management Intern

Mumbai, India
Apr 2020 – Jun 2020

- Learned manufacturing processes, including drilling, welding, bending, sanding, and blasting for sheet metal fabrication.
- Developed Value-Stream Mapping for the production of prefabricated structures using AutoCAD.
- Implemented safe-working practices to prevent COVID-19 spread, during the pandemic by redesigning the production line to allow for social distancing, adding hand-wash stations and mask dispensers.
- Designed a solution to enable the company to manage an online workforce using Slack and Zoom.

RELEVANT SKILLS

- Data Analytics: **SQL**, Advanced **Excel**, and **Python**
- Data Visualization: **R** and **Tableau**
- Machine Learning: Naïve Bayes, Decision Tree, **Regression Modelling**, and **Random Forest**
- CAD Design: **AutoCAD**, **Solidworks**, **Fusion 360**
- Other: JavaScript, PHP, and CSS

LICENSURE AND CERTIFICATIONS

FAA Student Pilot Certificate

Authorized to full-time work in the United States without sponsorship under F1-OPT Visa