

Vrishabh Hosdurg Vijayakumar

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CANDIDATE PROFILE

Experienced result-oriented professional in enhancing supply chain efficiency through strategic data analysis and continuous improvement initiatives. Graduate student specializing in **Supply Chain Management** seeking **Co-op** opportunities for Fall 2024.

EDUCATION

Master of Science in Engineering Management, Northeastern University (Boston, MA) Expected May 2025

Coursework: *Supply chain management, Lean Concepts & Applications, Operations Research, Probability and Statistics*

Bachelor of Engineering, Mechanical, Nitte Meenakshi Institute of Technology (India)

Aug 2015 - July 2019

Coursework: *Project Management, Manufacturing Technology, Industrial Engineering*

WORK EXPERIENCE

Accenture Innovation Hub (India) | **Supply Chain Analyst**

May 2023 – Jul 2023

- Implemented an IoT solution for real-time monitoring of critical wastes, improving supply chain visibility, inventory management systems and optimized waste segregation **by 20%**.
- Collaborated with **cross-functional** teams to conduct supply chain risk assessment and implement mitigation strategies to streamline operations, resulting in reduced service costs by **30%** and enhanced customer satisfaction.
- Conducted data analysis using **SQL** and **Power BI** to develop dashboards to track supply chain performance metrics (**KPI's**), reduced scope 3 emissions by 40% and provided actionable analytics for data-driven decision-making.
- Performed in-depth business process analysis and market research to implement strategies that enhanced operational efficiency by **25%** and reduced lead times in the supply chain by **40%**.

Infosys Limited (India) | **Senior Systems Engineer**

Jan 2020 – Jul 2022

- Supported the end-to-end execution of IBM OMS implementation, generating revenue of **\$15K/hour** (10% increase) and a 15% reduction in order cycle time within the first quarter.
- Customized **OMS** workflows to streamline **order fulfillment** processes, leading to a **25% increase** in order accuracy and a 10% decrease in order-related issues.
- Collaborated with IT and operations and onsite teams to resolve technical issues in **ERP** and **OMS** systems, reducing system downtime by **30%** and maintaining uninterrupted order flow.
- Assisted in the integration of **SCM** Cloud with third-party logistics providers, enabling real-time tracking of shipments and improving delivery accuracy by **15%**.

HAL (India) | **Management Trainee**

Oct 2019 – Dec 2019

- Implemented **Kaizen** techniques to continuously improve manufacturing processes, achieving a **10% reduction** in cycle times.
- Utilized Statistical Process Control tools to adjust machine settings, ensuring **20% decrease** in non-conformance rates.
- Developed and executed strategies to enhance production planning, resulting in a 15% increase in on-time delivery rates.

SKILLS

Lean Skills: Kaizen, Kanban, Poka-Yoke, 6S, SMED, QC, VSM, DMAIC, Gantt Charts, Scrum, CI/CD, Regression

Software proficiency: Tableau, Power BI, Microsoft Office Suite, MS Excel (Advanced – V lookups, macros, pivot tables), JIRA, R, SQL, IBM OMS, Visio, SPSS, Minitab, SAP-ERP, SharePoint, Java, Python, Fusion 360, SharePoint

Certifications: [Six Sigma Green Belt](#), [Google project management](#), [CSCMP \(Demand Planning\)](#), [Advanced Data Analysis](#)

ACADEMIC PROJECTS

Demand Forecasting Sales data

Feb 2024

- Implemented advanced ANOVA techniques, ARIMA methods, regression analysis and visualizations to analyze seasonality, forecast vs capacity impact on demand forecasting and variance using Amazon sales and product categories data.

Data Professionals Survey and Analysis

Oct 2023

- Utilized Power BI, SQL and Excel to transform raw survey data into insightful and interactive visualizations, facilitating data-driven decision-making.