AKSHATHA BOPANNA CHEPPUDIRA

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EDUCATION

North Carolina State University — Aug 2023 - May 2025
Masters in Integrated Manufacturing Systems Engineering (Supply Chain Focus) — GPA: 3.5/4.0

The National Institute of Engineering — Aug 2016 - Aug 2020
Bachelors in Industrial and Production Engineering — GPA: 9.59/10.0

Coursework: Supply Chain Economics, ERP Systems, Database Applications, Experimental Statistics, Python Programming, Product Lifecycle Management, Supply Chain and Logistics Management, Statistical Quality Control, Operations Management, Lean Manufacturing, Engineering Economics, Financial Management

PROFESSIONAL EXPERIENCE

Supply Chain Co-op | Cummins Inc., Columbus, IN, USA — May 2024 - Dec 2024
- Onboarded 95 legacy suppliers into MRP system, resulting in improved inventory visibility and 27% reduction in lead time.
- Forecasted demand for reusable containers across 15+ North American sites using statistical analysis to optimize inventory levels and minimize stockouts.
- Incorporated Power BI analytics to enhance S&OP, driving a 30% improvement in demand forecasting and supply planning.
- Developed monthly metric reports for senior leadership, providing actionable feedback and recommending improvements, which led to $220K cost avoidance.
- Managed procurement by evaluating 100+ quotations and processing purchase orders on SAP Ariba, ensuring timely sourcing.

Technical Program Manager | OneTrust, Bangalore, India — Dec 2022 - Jul 2023
- Managed the analytical product portfolio, driving project planning, cross-functional collaboration and maintaining technical documentation for seamless execution.
- Designed Power BI dashboards tracking 50+ Key Performance Indicators (KPIs), enhancing reporting accuracy by 45%.
- Analyzed trends and conducted SQL-based data analysis on large datasets (10M+ records), troubleshooting inconsistencies and improving data integrity.

Quality Engineer | OneTrust, Bangalore, India — Sep 2020 - Nov 2022
- Devised strategies for testing 300+ features across 5 product lines, achieving 99% quality and ensuring on-time product delivery.
- Improved the process to address production issues and customer escalations, reducing resolution time by 45%.
- Managed Kanban boards and revamped workflows, resulting in 20% increase in productivity by effectively identifying and eliminating process bottlenecks.

Analyst Intern | OneTrust, Bangalore, India — Jan 2020 - Apr 2020
- Translated business requirements into customer-centric use cases to enhance user experience.
- Collaborated with Product team to refine feature functionality through user feedback analysis and market research.

Process Improvement Intern | Kaynes Technology India Limited, Mysuru, India — Jun 2019 - Jul 2019
- Led Value Stream Mapping to streamline processes and reduce lead times.
- Designed standardized 'Supplier Quality Management' processes, resulting in 30% reduction in business risks.

PROJECTS

Sustainable Supply Chain Optimization through Reusable Packaging Strategy | Cummins Inc.
- Led the transition from expendable to RFID-tracked reusable containers, improving traceability and asset lifecycle management.
- Eliminated 13M lbs of waste across the North America supply chain, driving sustainability in global logistics operations.

Data Quality Optimization for Enhanced Supply Chain Insights | Cummins Inc.
- Addressed challenges in total cost of ownership analysis caused by poor supplier packaging data.
- Established data standards and accelerated the data collection process with 60+ suppliers, improving data quality by 33%.

Automated Purchase Order Generation System | North Carolina State University
- Implemented Robotic Process Automation to automate the creation of Purchase Order (PO) in SAP S/4HANA.
- Resulted in 65% improvement in procurement efficiency by optimizing PO workflows.

Advanced Analytics for Strategic Decision-Making | OneTrust
- Led the New Product Introduction (NPI) of Power BI-integrated analytics solutions, providing centralized data visualization for critical functions like Vendor Risk Management, Inventory Management and Data Governance.
- Resulted in 60% increase in customer satisfaction due to enhanced decision-making capabilities.

SKILLS

- **Software/Tools:** MS Office (Excel, Word, PowerPoint, Power BI, Visio), Tableau, Minitab, JIRA, SAP S/4HANA, PLM
- **Programming Languages:** SQL (SSMS, Access, Azure Databricks), VBA, Python
- **Core Competencies**: Requirements Gathering, Data Analysis, Continuous Improvement, Supply Chain Management, Capacity Planning, Supplier Negotiations, Supplier Relationship Management, Procurement, Inventory Management, Logistics, Process Optimization, Value Stream Mapping, Risk Assessment, Lean, Six Sigma, New Product Introduction, Project Management, Strategic Planning, Customer Focus