

VYSALINI INDUKURI

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EDUCATION

UNIVERSITY OF HOUSTON, C. T. Bauer College of Business, Houston, TX
Master of Science in Management in Information Systems

August 2023–May 2025

SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN, Andhra Pradesh, India
Bachelor of Science in Mechanical Engineering

August 2019–May 2022

SKILLS

C, Python, SQL, HTML, CSS, JavaScript, Microsoft Office Suite, Google data studio, Power Bi, Agile Methodologies, SolidWorks, AutoCAD, Catia V5, Java, Ansys, Hyper mesh, Microsoft Azure, Tableau, Visio, ERP, Oracle, Minitab, Jira, Smartsheet, SAP Products

PROFESSIONAL EXPERIENCE

BRIO PHARMACEUTICALS, INC., Houston, TX

June 2024–August 2024

Product Management Intern (Quality Assurance)

- Configured standard operating procedures within an information systems framework with compliance of 87% according to FDI
- Performed rigorous testing of pharmaceutical products in manufacturing and packing to ensure compliance with industry standards and regulatory requirements under all conditions and reducing defect rates by 28%, preventing \$75K in recall costs
- Implemented fumigation processes for sterilizing rooms, significantly reducing manual cleaning efforts, and achieving 62% reduced microbial growth, thereby enhancing cleanliness and safety in production areas according to regulations

FLIPKART (Walmart Group Company), Bengaluru, India

January 2022–August 2023

Assistant Manager – Supply Chain Management (July 2022-August 2023)

- Managed end-to-end supply chain operations, leading 15 regional managers to implement agile, JIT and TQM methodologies
- Monitored Line Haul metrics, resulting in a remarkable 92% enhancement in vendor performance while optimizing network efficiency, leading to an annual cost savings of approximately \$230K by achieving 0.31% reduction in cost per grocery shipment
- Minimized breach of shipments by MTTR and MTBF methodology and improved 0.98% based on key performance indicator(KPI)
- Liaised with stakeholders on the cost & time optimization project, developing 53% of metrics using SQL and Microsoft Office
- Deployed automated data generation and reporting systems, reducing third-party expenses by over \$160K annually

NEEV Intern (January 2022–July 2022)

- Optimized order fulfillment visibility and delivery processes, resulting in a 79% increase in customer satisfaction; leveraged data-driven insights to implement strategic improvements and SWOT analysis driving efficiency in logistics operations.
- Spearheaded a customer insight analysis protocol, optimized logistics using ERP data to design Power BI dashboards for enhanced stakeholder visibility, driving a 49% improvement in feedback, 12% efficiency boost, and \$90K in annual cost savings

CATERPILLAR PVT LTD., Chennai, India

July 2021–December 2021

Production Intern

- Optimized factory operations by implementing checkpoints, reducing downtime, and improving production efficiency by 20%
- Developed design alternatives for identical parts, reducing material waste by 15%, leading to \$30K savings in production costs

ACADEMIC PROJECTS

Baja SAE INDIA

Fall 2019–Spring 2022

- Managed a 25-member team through the design, manufacturing, and testing of an all-terrain vehicle, leveraging Carmaker, MATLAB, SQL, SolidWorks, Ansys, Power BI, and Lean Manufacturing methodologies to enhance performance and efficiency
- Engineered an innovative noise & vibration energy conversion system using sensors, winning the Best Innovation Award for transforming mechanical disturbances into electrical energy. Developed a comprehensive business strategy, integrating market research, financial planning, supply chain optimization, and strategic growth initiatives, securing Best Business Plan Award
- Secured multiple accolades, including Overall Championship, Best Business Plan, Go Green Award, Best Design Award, and Cost Award, demonstrating expertise in vehicle optimization, sustainability, and cost-effective engineering solutions

Sustainable Innovative Projects

Spring 2019–Fall 2019

- Pioneered natural fiber-based designs to replace synthetic materials across multiple applications, enhancing durability, cost efficiency, and sustainability. Achieved 87% uniqueness in a novelty search, validating real-world applicability
- Developed a rainfall-powered energy system using Piezo-Electric Plates, Earned publication from Dassault Systems and appreciation at the Innovation & Commercial Sustainability Summit

ADDITIONAL

Certifications: Six Sigma Green Belt, Scrum Fundamentals Certified, Mastering supply chain and Logistics Management, AI Risk Management and Incident Response, Dynamics 365 Fundamentals (ERP), SAP Transportation Management, Azure Data Fundamentals

Leadership: Captain, Baja SAE, 2019-2022 and Chief President, Toastmasters Club, 2019-2022