SIDDHARTH R KAULAGI

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Professional Summary

Industrial Engineering student specializing in supply chain management and process optimization. Skilled in data analytics, simulation, and Lean Manufacturing, with a foundation in Quality, Operations Research, and Project Management. Proficient in Excel, SQL, and Power BI for data-driven decision-making

Education

B.E. Industrial Engineering & Management – BMS College of Engineering, Bengaluru
GPA: 8.0 | Expected -August 2026

Higher Secondary (12th) – PRISM PU Science College, Dharwad
Percentage: 96% **|** July 2021

Secondary (10th) – Rashtriya English Medium High School, Hirebagewadi, Belagavi
Percentage: 93.44% **|** April 2019

Skills

- **Domain Knowledge**: Supply Chain & Logistics Management, Production & Capacity Planning, Lean Manufacturing & Continuous Improvement, Quality Assurance, Value Engineering, Operations Research, Ergonomics
- **Analytical & Managerial Skills**: Project Management (CPM, PERT, MS Project), Statistical Analysis, Problem-Solving, Data-Driven Decision Making, Cost Optimization, Communication & Cross-Functional Collaboration
- **Software & Tools**: AutoCAD, SolidWorks, Arena, Microsoft Office Suite (Excel, PowerPoint, Word, MS Project), SQL, Power BI, SAP(basic exposure).

Projects

ML-Driven Unified Retail Intelligence Platform (URIP) Link
Currently developing an integrated retail analytics system combining sales forecasting, inventory classification, GIS store mapping, and layout insights; automating data pipelines and dashboards to support operational planning and decision-making for small and growing retailers.

IoT-Enabled Solar Tracking System for Smart Agriculture Link
Developed an IoT-based solar tracking system with MPPT-controlled panel movement, Li-ion battery energy storage, and power management, integrating Arduino–ESP8266 sensors for real-time soil and temperature monitoring to enhance energy efficiency in agricultural applications.

Design and 3D Printing of a Knuckle Joint Prototype Link
Designed and 3D-printed a knuckle joint prototype in SolidWorks using PLA material to demonstrate rapid prototyping techniques; validated design feasibility and dimensional accuracy for educational and proof-of-concept purposes.

Bicycle Cost Optimization & Design Improvement
Redesigned bicycle components using value engineering techniques to reduce cost and optimize functionality as part of an academic assignment.

Additional Information

- Languages known: English, Kannada, Hindi
- Certifications: Python Fundamentals for Beginners /