



# Saurav Kumar

Roll No.: BTECH/10534/22

Production and Industrial Engineering

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LinkedIn Profile

## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech	Birla Institute Of Technology , Mesra, Ranchi	6.89 (Current)	2026
Senior Secondary	L.S College , Muzaffarpur	81.00%	2021
Secondary	St. Joseph's Sr. Sec. School , Muzaffarpur	89.6%	2019

## INTERNSHIP

- Vocational Training** June -July 2025  
*NTPC Sipat*
  - Understood the flow of raw materials (coal) to output (power + byproducts like fly ash), similar to supply chain transformation cycles. managed.
  - Studied High Concentration Slurry Disposal (HCSD) system for ash handling → learned how technology improves material movement, cost reduction, and sustainability.
  - Learned how byproducts (fly ash, bottom ash) are recycled into useful products (bricks, aggregates) → practical exposure to circular economy in supply chains.

## PROJECTS

- Supply Chain Performance Optimization using ADR Methodology** July 2025-Present  
*Group Project*
  - Applied Action Design Research (ADR) to iteratively design and improve a real-time performance monitoring system for supply chain operations.
  - Focusing on identifying and tracking key supply chain KPIs such as lead time, order fulfillment, and inventory levels.
  - Collaborated in a team to test solutions with case examples and suggest improvements for faster decision-making.
- Pizza Sales Analysis** June - July 2025  
*Personal Project*
  - Queried and analyzed 5,000+ pizza order records using SQL to extract insights on revenue, top-selling products, and peak order timings.
  - Created dynamic summary views to calculate KPIs like Total Revenue, Average Order Value (AOV), and Daily Sales Trends using GROUP BY, JOIN and CASE.
  - Segmented product performance by pizza size and category (Classic, Supreme, Veggie) to support pricing and promotion strategies.

## TECHNICAL SKILLS

- Programming Languages** : C++
- Database Management**: MySQL
- Coursework**: Supply chain and Logistics Management, Production and Operation Management, Quality Control Management, Lean Manufacturing and Six Sigma
- Miscellaneous**: Excel

## SOFT SKILLS

- Communication
- Analytical Skills
- Adaptability, Team management , Problem Solving, critical thinking

## ACHIEVEMENTS

- Solved 300+ problems across various platforms like LeetCode, Hackerrank, gfg.,
- Ranked in the top 7 percent in JEE Mains Examination,