

# Dev kumar

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GitHub Profile  
LinkedIn Profile

## EDUCATION

- Birla Institute of Technology, Mesra** 2021-25  
Bachelor of Technology in Chemical Engineering 7.79
- Delhi Public School,Dhanbad** 2018-2020  
Intermediate in CBSE 88 %

## EXPERIENCE

- TATA STEEL** May 2024-July 2024  
Management Trainee-Technical Intern Jamshedpur  
\* Analyzed data for 4 years for differential pressure, cross wall, and thermocouple temperature to assess regenerator performance.  
\* Developed a strategic improvement plan using data analysis, leading to a 15% increase in regenerator efficiency.  
\* Recognized with the Second Best Intern Award for a practical solution currently being put into practice.
- Steel Authority of India Ltd** June 2023- July 2023  
Intern Dhanbad  
\* Conducted proximate analysis to evaluate coal quality for processing and transportation, reducing costs by 10%.  
\* Implemented quality control protocols, increasing processing accuracy by 12%..

## PROJECTS

- Minor Project**  
Conducted a comprehensive analysis of coal overburden materials to explore their potential in brick and ceramic manufacturing.  
\* Evaluated various physical and chemical properties using techniques like FTIR, FESEM, and DSC to assess their feasibility for industrial applications, contributing to waste reduction and environmental sustainability.
- Walmart Sales Analytics and Trend Forecasting**  
Leveraged MySQL to clean Walmart sales data, create time-based features, assess product performance, and identify key customer segments.  
– Cleaned and pre-processed data to address missing values and inconsistencies.● Generated new columns for time, day, and week to analyze sales patterns more effectively  
Assessed the performance of various product lines.● Identified key customer segments and purchasing trends.

## SKILLS AND ACHIEVEMENTS

**Technical skills :**SQL

**Operations Management:** Operation Research, Supply Chain Management, Logistics Management, Supplier relationship management.

**Analytical tools:**MS Excel, MS PowerPoint, MS Word, MS Power BI,Microsoft PowerPoint

**Databases:**MS Excel,My SQL

**Relevant Coursework:**Business Analytics,Consulting Frameworks.

**Co-Curricular activities** Vice Captaain–Institute Volleyball team,Director at Ehsaas Dramatics society.

**Attributes:**Presentation,Project Management,Business Acumen,,Planning, Organized, Creative Problem-Solving, Teamwork, Active Listening, Adaptability, Analytical Thinking.

## POSITIONS OF RESPONSIBILITY

- Founding member** Bureau of Indian Standards Students Chapter, BIT Mesra September 2024-Current  
Ensured that the quality of various daily-use products met government standards.  
Raised awareness among consumers about verifying product compliance with these standards.
- Management Lead** Google Developer Student Clubs March 2024-Current  
Managed an annual club budget of Rs18,000, acquiring resources and ensuring smooth operations for all events.  
Led and coordinated a management team of 60+ members, overseeing the planning and execution of 4 events.  
Enhanced public interaction and expanded reach through effective social media management, resulting in a 30% increase in followers and a 20% increase in event attendance.