



# Rashil Goel

Bachelor of Technology  
in Metallurgical and Materials Engineering  
Indian Institute Of Technology, Ropar

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## EDUCATION

Degree	Institute/Board	CGPA/Percentage	Year
Bachelor of Technology	Indian Institute of Technology, Ropar	7.01	2020-2024
Senior Secondary	Central Board of Secondary Education	85 %	2019
Secondary	Central Board of Secondary Education	9.8 CGPA	2017

## EXPERIENCE

- Trident Group** June 2023 - July 2023  
*Analytics and Engineering Intern*
  - Utilized engineering and data analytics expertise to conduct an exhaustive analysis of the yarn manufacturing process, meticulously evaluating existing resources and proposing a solution tailored to the current scenario.
  - Engineered and implemented a precise solution, optimizing the compressed air system by reducing consumption from 60 CFM to 32 CFM. This engineering intervention led to substantial cost savings of INR 318,864 and a significant enhancement in production efficiency.
- Company - Stealth mode startup** June 2022 - July 2022  
*Market Research Intern*
  - Worked with the founding team to build a startup from scratch which aims to create Virtual Student Activity Centers in colleges all across India.
  - Prepared an exhaustive list of colleges across North India, contacted them and achieved a conversion rate of 12.5% .

## PROJECTS

- Pizza Sales Report** Drive Link  
*SQL and PowerBI*
  - Created a dynamic Power BI dashboard showcasing key performance metrics, including total revenue, average order value, total pizza sold, and more, facilitating data-driven decision-making.
  - Utilized SQL to efficiently manage and analyze large datasets, ensuring data accuracy and integrity throughout the project.
  - Transformed complex data into meaningful insights, enabling teams to identify revenue growth opportunities and enhance operational efficiency.
- Product Management Fellowship** Sept 2023 - Nov 23 Drive Link  
*Fellowship*
  - This course encompasses a holistic approach to product development, covering critical aspects such as aligning business and product goals, understanding user needs, crafting effective problem statements, generating solutions, designing prototypes, and defining success metrics.
  - In this fellowship I have learned and made bunch of projects on how to map Business outcomes to product outcomes, Identifying user segments and pain points, Conducting user research, Crafting a problem statement, Generating multiple solutions, Creating visual wireframes, and Defining comprehensive success metrics.

## SKILLS

- Data Analytics and Programming:** Python, SQL, PowerBI, Tableau, Python, R, Excel
- Product Management:** UI/UX, Agile product development, Wireframing, Data and Product Analytics
- Soft Skills:** Management, Leadership, Communication, TeamWork, Time Management, Work Ethic

## KEY COURSES TAKEN

- CS & Maths:** Data Structures and Algorithms, Introduction to Programming, Foundation of Data Science, Calculus, Linear Algebra, Differential Equations, Probability and Statistics
- HS Courses:** Economics, Econometrics, Industrial Management, PM102(Product Management, FinCom Club, IIT Ropar)

## POSITIONS OF RESPONSIBILITY

- Representative**, Basketball Club, IIT Ropar Nov 2021 - Oct 2022
  - Organised inter-year basketball event with hundreds of participants.
  - Played a crucial role in getting sponsorship funds from the college administration.
  - Assigned and coordinated with team captains design match fixtures.
- ISMP Mentor**, ISMP , IIT Ropar Nov 2021 - Oct 2022
- Team Captain Basketball**, IYSC , IIT Ropar Nov 2021 - Present
- Event Coordinator**, Zeitgeist , IIT Ropar Apr 2021

## ACHIEVEMENTS

- Inter IIT Sports Championship**, Participated in Basketball Event in Inter IIT Sports Championship 2022
- Metallographic Contest**, Won first position in the Metallographic Contest organised by MetSoc, IIT Ropar 2022
- IIT JEE**, Ranked amongst top 1 %ile amongst 1.2 million candidates. 2020
- Swimming Championship**, Participated in Inter District Swimming Championship. 2013