



112120019

B. Tech – Metallurgy and Materials Engineering

Gender: Male

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Educational Qualification

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2020-Present	B. Tech- MME	NIT, Trichy	8.20
2019	Class XII	Rashtriya Indian Military College, Dehradun, CBSE	76%
2017	Class X	Rashtriya Indian Military College, Dehradun, CBSE	8.8

Academic Achievements

- Secured All India Rank 118 in UPSC National Defence Academy (NDA), Pune and joined NDA (boarded out due to medical reasons).

Internship Experience

Yoshops

Data analytics and ML internship

June 2022 – Current

- Cleaning and Analysing the current data to extract meaningful insights
- Create ML algorithms with improved accuracy

Rysecamp Technology Private Limited

Campus Leadership and Community Building Internship

Feb 2022 - Apr 2022

- Worked on Growing the community of users engaging with students to gather feedback with a userbase of 150+ students
- Provided recommendations for Rysecamp product and content strategy

Projects

Predicting the possibility of Diabetes

June 2022 - Current

- Creating a ML model with high accuracy to predict the chances to contracting Diabetes
- Using Knn model

Predicting Diamond Prices

May 2022 - June 2022

- Found the parameter affecting the diamond prices by EDA

- Created a Machine learning model (linear Regression) to predict the diamond prices based on the parameters
- Improved the accuracy from 80% to 91.3% by cleaning and scaling the data

Risk to Reward analysis using Sharpe Ratio

May 2022 - July 2022

- Compared different investment opportunities and identified the best investment with lowest risk and highest reward.
- Employed the principles of Sharpe test Visualized the resulting data.

Technical Skills

- Programming Languages: Python, JavaScript
- Other Software: Microsoft Excel, Microsoft BI, SQL, Word, PowerPoint
- Areas of Interest: Machine Learning, Business Analytics, Investing, Stock Analysis

Positions of Responsibility

- **Member of the Prakruti Club:** *Feb 2022 - Current*
 - Tended to the injured and un-healthy animals in the campus along with taking care of their basic requirement.
 - Soon will be part of the team in charge of collecting and distributing food
- **Member and subsequently the president of the aeromodelling hobby:** *Jan 2014-2019*
 - Organised various air displays for a wide range of guests. Air displays like acrobatic flying, flower petal shower, banner display and night flying.
 - Did special displays for the chief of army staff, the chief of Air staff and various other dignitaries and was part of the financial procurement of the planes and spares
- **Captain of the school hockey team** *Jan 2019*
 - Responsible for the proper functioning of the hockey team, their punctuality, attitude on the field and for organising the inter section hockey championship along with my colleagues.
 - To maintain high motivational levels of the team and plan out the course of action for upcoming championships.

Extracurricular Activities

Social Activities:

- Active member of the national social service. Took part in clean India movement and planted plant saplings across the campus
- Actively taking care of the stray animals and providing them with basic healthcare

Sport Activities:

- Won the inter section Hockey championship twice (captained both the times), lead my school team in district level hockey championship and was awarded with the best player and was awarded with a colour in hockey
- Secured medals in inter district athletic championship: bronze in 4X100m and came 4th in 400m (broke my personal best) and medals in inter section athletics championship: gold in 100m, 4X100 m relay, 400m and bronze in 4X400m relays.
- Took part in X-country running (5k and 10k) improved my timings both the times

Adventure Activities:

- Attended the adventure course in Mountaineering consisting of a 117 km trek to Sandakphu by Himalayan Mountaineering institute, Darjeeling
- Did rafting in grade 3 rapids of river ganga organized by army sports and adventure wing in Rishikes