



Khushajh Verma
Mechanical Engineering
Indian Institute of Technology Bombay

22B2128
B.Tech.
Gender: Male
DOB: 04/07/2004

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2026	1.

Pursuing a **minor degree** in **Artificial Intelligence and Data Science** at C-MInDS, IIT Bombay

SCHOLASTIC ACHIEVEMENTS

- Secured an All India Rank of **1073** in **JEE-Advanced** | Achieved **99.85** percentile in **JEE mains** [22]
- Awarded **KVPY fellowship** by DST, GOI after securing an All India Rank of **1062** in KVPY(SX) [22]

PROFESSIONAL EXPERIENCE

FitFire | *Strategy Consultant* | *ShARE Startup Project* [Feb'24 - Apr'24]

Healthy Snacking Startup | *Tasked with improving Product Portfolio and providing a Retail Strategy*

- Crafted an extensive report on **Foxnuts**, covering **10+** critical themes to support **market entry** decisions
- Drafted a retail strategy after **150+** customer interviews, **3** retailer consultations & studying **5** competitors
- Assessed over **30** products in the Indian and **3** international markets to improve the **product portfolio**

NoQs Digital | *Data Analyst Intern* [Dec'23 - Jan'24]

Awarded an **Outstanding Performance Award** and a **Letter of Recommendation** by the **CEO**

- Curated **dynamic** dashboards with **30+** features to track task distribution & attendance for **100+** employees
- Integrated dynamic charts, pivot tables, and scoreboards in dashboards improving **project management**

POSITION OF RESPONSIBILITY

Vice President | **Media & Research** | *ShARE, IIT Bombay* [Apr'24 - Present]

Future Leaders Program with more than 2700 students from over 130 top universities across 50 countries

- Leading a team of **45+** student consultants, conducting **40+** upskilling sessions & managing startup projects
- Executed a sponsored institute-wide **Case-Challenge** | Prize pool worth **INR 1.5L+** | **400+** participants
- Projecting **60% y-o-y** increase in online outreach; Leading a Research Team to enhance media campaigns

Mechanical Subdivision Head | *AUV-IITB, IIT Bombay* [Apr'24 - Present]

A team developing Autonomous Underwater Vehicles and representing India at International Competitions

Accolades: Among **Top 6** finalists out of **35+** teams, **40+** vehicles representing **14+** nations at RoboSub, 2023

- Leading **12-member** team to develop an AUV with **20%** improved power efficiency, **30%** space optimization
- Saved costs by **97%** by fabricating an **underwater connector** for high-speed data transfer at **one Gbps**

Department Academic Mentor | *Student Mentorship Program, IIT Bombay* [Jun'24 - Present]

Handpicked as a part of a 43 member team through rigorous interviews and peer reviews out of 150+ applicants

- Mentoring **6** sophomores in their academic and co-curricular pursuits, providing counsel for personal issues
- Ideating and conducting **events** to promote **research** & **core** opportunities for **200+** department students

KEY PROJECTS

Damage Analysis of a Jet Engine | *Research Project* | *Prof. A. Alankar* [Jun'24 - Present]

- Developed simulations for a jet turbine to predict **deformations** v/s **RPM**, validated by **3** research papers
- Identified the high damage causing RPMs for a jet engine using **Campbell Diagram** and **Modal Analysis**

Effects of Interest Hikes on Asset Classes | *Finsearch* | *Finance Club, IITB* [Jun'24 - Present]

- Assessed **10+** RBI interest hikes to evaluate impact on **3+** macroeconomic indicators & financial instruments
- Developing a framework to examine the relation between rate hikes & market movements using econometrics

EXTRA-CURRICULAR ACTIVITIES

Karate	<ul style="list-style-type: none">Awarded first dan Black Belt in Shotokan Karate after 1000+ hours of intense trainingWon Gold at district level and Bronze at state level; participated in 10+ tournaments
Competitions	<ul style="list-style-type: none">Among top 5 in inter-ShARE Group Discussion involving 90+ students & 3 collegesRewarded for making the best Strategic Presentation in my network group at ShARETop 24 among 70 teams in a course project; built a line-following vacuum cleaner
Misc.	<ul style="list-style-type: none">Finished an intensive year-long training program at the National Cadet Corps (NCC)Undertook month long theatre training and performed in several plays and mime actsStudied French for 5 years; scored a perfect 100 in the Class 10 French CBSE ExamMentor at Abhyuday; mentored 8 students all over India to implement social drives