**SCHOLASTIC ACHIEVEMENTS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

* Pursuing a Minor Degree in the Computer Science and Engineering Department, IITB
* Achieved a total of 99.66% (percentile) in JEE MAINS out of 8.84 lakh applicants
* Secured an all india rank of 2646 in JEE ADVANCED out of 1.58 lakh applicants
* Secured a percentage of 96.8% in 12th standard TSBIE

**KEY PROJECTS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Trading of currencies and commodities | FinSearch | *Finance Club, IIT Bombay***

* Learning and understanding the nuances of trading and Foreign Exchange market through substantial reading
* Studying various techniques employed to analyze the stock market, namely, Fundamental Analysis (quantitative and qualitative) and Technical Analysis(candlestick, bar, and line charts)
* Analyzing a case study on correlation between the Dollar Index, Crude Oil Market and Companies like Reliance, OIL, ONGC, Vedanta, etc. and Crude Oil consumers like Asian paints, Pidilite etc.

**Sudoku Solver | *Self Project, Python***

* Successfully developed a Sudoku solver using python and backtracking algorithm which can solve given Sudoku matrix and return output on a graphical interface
* Gained insight on Pygame, Numpy and backtracking algorithm and various python modules

**Tic-Tac-Toe | *Self Project, Python***

* Designed and Implemented TIC-TAC-TOE Game grid with NUMPY module, Python Functions
* Acquired knowledge in Numpy Slicing,Indexing and Pygame Library, Algorithms that design Games

**Obstacle Maneuvering Bot | XLR8 | *Electronics And Robotics Club, IIT Bombay***

* Assembled a Bluetooth controlled bot with on-board power supply capable of maneuvering through bumps, closed tunnels and inclined surfaces in its path to complete an 8 obstacle course in minimum possible time
* Assembled the mechanical & electrical sub-systems, utilizing AT Tiny 2313 (IC), L239D, HC05, LM7805 for receiving signals from the app to the motor utilizing differential steering mechanism

**Exhaustive Silencer in Motor Bikes | Course project, CL246 | *Prof. P Sunthar, IIT Bombay***

* Worked in an 8 membered team and proposed a model to reduce the temperatures of exhaust gas and bike silencer
* Gained insights into different modes of heat transfer and the working of a bike silencer

**Development of Darcy Weisbach Equation and Moody Diagram | Course Project, CE228 | *Prof. Riddhi Singh, IIT Bombay***

* Studied the Darcy-Weisbach equation for pipe flow resistance in depth
* Gained insights on the evolution of the equation and the Darcy friction factor from its genesis to the present day
* Studied how different types of head loss calculators were created with the help 0f calculations

**POSITIONS OF RESPONSIBILITY\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Coordinator | Media and Publicity | *Mood Indigo, IIT Bombay*** (Jan’22-present)

*Asia’s Largest College Cultural Festival | 1,00,000+ viewership | 3+ hours viewing time*

* Negotiating deals with 10+ media houses to ensure event coverage and national outreach of the fest Ideating social media campaigns on Mood Indigo's social media pages (310k+ likes on Facebook and 53k+ followers on Instagram)
* Executing 5+ pan-India publicity campaigns to increase the participation in Mood Indigo’s College Connect Program

**Coordinator | Events | *Techfest, IIT Bombay***

* Assisting in the implementation of NIDAAN a social initiative by Techfest on Breast Cancer Awareness, across 100+ universities across India in association with 10+ NGOs and 30+ experts
* Curated a database for contacting several eminent personalities from around the globe for the Online Lecture Series of Techfest 2020-21

**Mentor | CR Program | *Abhyuday, IIT Bombay*** (Sept ’21 - Jan’22)

* Worked with a team of 50+ members as a mentor for the Abhyuday’s College Representative Program
* Served as the first point of contact for the college social team and guiding them to implement their ideas
* Ideated and assisted about the Action Plan Competition and Abhyuday’s Climate Change Campaigns

**EXTRA COURSES\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Operating Systems | CS347 Minor | *CSE department, IIT Bombay***

* Studied Introduction to Operating Systems and learned about interaction between the OS, Computer System and User Program
* Gained deep understanding about Process management, Memory management and File Systems

**Big Data Handling | Learner’s Space 2022 | *Analytics Club, IIT Bombay***

* Learning about basics of Excel and later its advanced applications
* Learning about relational databases and data handling using SQL

**Entering Financial Markets | Learner’s Space 2022 | *Finance Club, IIT Bombay***

* Basic knowledge about the stock market, commodities, crypto, forex
* Studying Technical and Fundamental analysis of markets, IPOs and news analysis

**MISCELLANEOUS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Extracurricular

**PlutoFiesta | Hostel 9, IIT Bombay**

* Member of overall winner team of PlutoFiesta, the Sports fest of Hostel 9
* Secured First place in Basketball tournament, Cricket tournament and Second Place in Volleyball tournament

**NCC**

* Completed 1 year of training in National Cadet Corps(NCC)

**Head Boy | Oak Valley School, Hyderabad**

* Selected by popular vote of the students
* Represented the student community and addressed student grievances

Skills: C++, Python, Matlab, Excel, Latex, HTML

Softwares: Matlab, MS Office,

Hacker rank: C++ 5 star, DSA 5 star, Certificate, Python 3 star