



Aryan Anil Pawar
Mechanical Engineering
Indian Institute of Technology Bombay
Specialization: Computer Integrated Manufacturing

22B2528
Dual Degree (B.Tech. + M.Tech.)
Gender: Male
DOB: 13/01/2004

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2027	8.54

Pursuing **Minor in AI and Data Science** from Centre for Machine Intelligence and Data Science, IIT Bombay.

PROFESSIONAL EXPERIENCE

Research & Data Analyst | World of Steel

(May'24 - Jul'24)

Received Letter of Recommendation from the CEO for demonstrating exceptional dedication, skill, and a proactive approach to his responsibilities.

- Developed Salesforce flows and workflow rules for **automated email notifications** on account updates and new knowledge entries, significantly improving team efficiency.
- Collaborated with the website team to implement GDPR-compliant cookie consent, added industry guides to the website, and **improved SEO** using Yoast SEO.
- Configured Mailchimp for newsletters, introduced **efficient segmentation and grouping strategies**, and **integrated it with Salesforce and Google Analytics** for enhanced audience tracking.
- Worked with a co-intern to study and present on the steel industry and emerging green steel market, and learned about **reporting and dashboarding for analytics on Salesforce**.

COURSE PROJECTS

ME228 Applied Data Science & Machine Learning | Prof. Alankar | IIT Bombay

Forecasting Heat Demand in District Heating Systems

(Feb'24 - Apr'24)

- Imported and cleaned the dataset, handling missing values and ensuring data quality by dropping null values and conducting a thorough examination of the data.
- Developed a Random Forest Regression model using Python libraries like pandas, scikit-learn, and matplotlib. Split the data into training and testing sets (85% and 15%, respectively) to ensure robust model evaluation.
- Calculated and visualized feature importance to identify the most significant variables affecting heat demand, ensuring model interpretability and focus on key factors.

ONLINE CERTIFICATIONS

Ongoing Certification - Capital Markets & Securities Analyst (CMSA)

by CFI (Corporate Finance Institute)

Fixed Income Fundamentals

- Studied the characteristics and valuation of fixed income securities, including bonds and interest rate instruments, and learned to assess their risk and return profiles.

Derivatives Fundamentals

- Acquired fundamental knowledge of options, futures, swaps, and forwards, understanding their applications in hedging, speculation, and arbitrage.

Ongoing course - Modeling Risk using Monte Carlo Simulation

- Learning to model and quantify uncertainty using Monte Carlo simulation in Python, enhancing risk analysis capabilities.

POSITION OF RESPONSIBILITY (PoR)

Assistant Manager | IIT Bombay Racing Team

- Analyzed business models of teams who participated in Formula Student UK, Formula Student Germany and Formula Bharat in the years 2021-2023 and came up with the unique ideas for further Business Plan Presentations
- Played a key role in the organizational subdivision to effectively showcase our racing car and its components at prominent events like Tech Connect in Tech & RnD Expo and TechFest Exhibitions of IIT Bombay in the year 2023

EXTRACURRICULAR ACTIVITIES

Social Work	Awarded Certificate of Appreciation for the following: Transcriber in class 10 ICSE board exams for a senior student
Misc.	Awarded Certificate Of Excellence 'Best Article' in an eJournal Project Go green 2017-18 in a group project 'Using Herbs as Home Remedies' where our school partnered with Schoonhovens College, Netherlands.
Sports	Completed an year long course on Yoga and Mind-Wellness