



Ansh Preet
Mechanical Engineering
Indian Institute of Technology Bombay

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B.Tech.
Gender: Male
DOB: 15/11/2003

| Examination | University | Institute | Year | CPI / % |
|-------------|------------|------------|------|---------|
| Graduation | IIT Bombay | IIT Bombay | 2025 | 7.1 |

Academic Achievements

- Among the top **1%** of candidates in **NDA-146** qualified for SSB Interviews among **4,00,000+** candidates . (Jan '21)
- Secured top **3** percentile rank in **JEE Mains** among more than **9,30,000** candidates appeared in the exam (Oct '21)
- Secured top **5** percentile rank in **JEE Advanced** among more than **2,50,000** candidates appeared in the exam (Oct '21)

Key Projects

RichFeyn Website | Startup Project

(Jun '23)

- Developed a visually stunning and responsive website for the startup Richfeyn, utilizing **Django** as the backend framework, **HTML, CSS, Javascript and Bootstrap** for frontend design, and SQLite3 as the database.
- Crafted a modern and visually captivating user interface that effectively showcased the startup's **services, mission, and values**, while collaborated closely with startup team throughout design process to ensure alignment with startup's goal.

Chat Application | Self Project

(Dec '22)

- Developed a chat web application using **Node.js** and **Socket.IO** for seamless communication between clients and server.
- Implemented a responsive user interface with **HTML** and **CSS**, allowing users to send and receive messages in real-time.
- Enhanced user experience by incorporating features such as **notification sound effects** and an **emoji picker**.

Sarcasm | Student Alumni Relation Cell

(Jan'23)

- Developed a full-stack web application using the Django framework for Crypt Hunt, incorporating a live leaderboard feature.
- Implemented registration functionality, allowing more than **3,000+ participants** to sign up for the event.
- Created **time bonus questions** within the application, enhancing the overall gaming experience for participants.
- Integrated live **social media sharing** capabilities into the web application, enabling participants to share their progress .

eCommerce Website | Self Project

(March '23)

- Developed a fully functional e-commerce website using HTML, CSS, JavaScript, Bootstrap, Django as the backend framework, and MySQL as the database. Implemented responsive web design principles, ensuring optimal user experience.
- Integrated secure user authentication and authorization systems, allowing registered users to create accounts, login, and manage their profiles. And optimised the website performance using caching techniques, and database indexing .

Positions of Responsibility

Web Coordinator | Student Alumni Relation Cell ,IIT Bombay

Jun '22)

Part of a **60 member** team responsible for fostering relations among **60K+** alumni and students .

- Worked in a team of five , responsible for web presence and social activities led by Student Alumni Relation Cell .
- Developed website for Placement Mentoring Program (**PMP**), Alumni Student Mentorship Program (**ASMP**) using HTML, CSS, JavaScript , Bootstrap, and Django as a framework resulting **150 % y-o-y** increment of registrations and allotments
- Developed React Native **Mobile Application** , **Phonathon** which resulted in **300 % y-o-y** increment in the participation .

Technical Skills And Courses

- Programming Languages** : C++, Python, C, HTML, CSS, JavaScript, PHP, MySQL, Solidity \LaTeX , Bash.
- Frameworks/Libraries** : Django, React, 3JS, Numpy, Scipy, Pandas, Matplotlib, Ipywidgets, Bootstrap
- Other Technical Skills** : MySql Workbench, SolidWorks, Autocad, Git, MATLAB, Android Studio, Excel
- Key Courses** : Computer Programming and Utilization, Quantum Physics, Introduction to Electrical and Electronics Circuits, Electricity and Magnetism, Engineering Mechanics, Solid Mechanics, Thermodynamics, Fluid Mechanics, Strength of Materials, Mechanical Measurement, Manufacturing Processes I.
- Coursera Courses** : AI For Everyone and Supervised Machine Learning: Regression and Classification .
- Mathematics Courses** : Numerical Analysis, Calculus, Linear Algebra, Ordinary Differential Equations, Economics.

Extra-Curricular Activities

- Achieved a **Black belt** in **Karate** from **Shito-Ryu School of india** after clearing all the stages of belts . ('18)
- Completed a year-long course under **NCC , IIT Bombay** as a cadet at 2 MAHR ENGR REG ('22)
- Coordinated the event Powai lake cleaning conducted by Abhyuday, IIT Bombay , in my fresher year . ('22)