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Civil Engineering
Indian Institute of Technology Bombay

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B.Tech.
Gender: Male
DOB: 24/04/2003

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

Pursuing a minor in **Management** offered by Shailesh J. Mehta School of Management, IIT Bombay

Scholastic Achievements

- Qualified the **National Defence Academy** examination amongst the top **0.02%** out of **0.6Mn+** aspirants [2021]
- Ranked amongst top **0.18%** out of **0.98Mn+** in JEE Mains and top **2%** out of **0.16Mn+** in JEE Advanced [2021]

Positions of Responsibility

Core Group Member, Cultural and Events Head | *Mood Indigo, IIT Bombay* [Apr'23 - Present]

Asia's Largest College Cultural Fest | *Net Worth: INR 80 Million* | **146,000+** footfall | **4000+** colleges | **240+** events

- Spearheading a **3-tier** team of **250+** members to execute **100+** events featuring **250+** artists nationally & globally
- Establishing strategic alliances & negotiating to secure acts worth **INR 10 Mn+** under a total **INR 1 Mn** budget
- Capitalizing multifaceted deals with Embassies and Consulates of **50+** countries to raise funds worth **INR 6 Mn+**
- Pursuing a target sponsorship of **INR 5 Mn+** through new avenues like tourism boards, cultural bodies & airlines

Key Initiatives:

- Devised strategic plans to execute **3+** production-based acts & **6+** concept comedy acts adhering to **market trends**
- Integrated live performances within an art gallery with **25+** visual art settings to enhance artistic & crowd experiences
- Conceptualizing **Global Village** featuring **15+** countries fostering cultural exchange through discourse, art & food

Institute Technical Convener | *Aeromodelling Club, IIT Bombay* [Jun'22 - Apr'23]

Amongst the 8 selected from 60+ applicants catering to the interests of 4,500+ students in Aeromodelling

- Organized RC Plane Competition, club's flagship event with **440+** participants **50+** mentors & **100+** hours of flying
- Ideated and built a scaled-up real-time FPV (first person view) incorporated **RC cockpit** instituting a **2-tier** team

Professional Experience

Inventohack Innovations Pvt Ltd | *Business Development Intern* [Jan'23 - Mar'23]

Streamlined Operations & Decision-making for the stakeholders of Inventohack - India's first Electrochemical probe

- Developed and maintained **KPI** Dashboards reducing decision time by **40%** and saving **80+** hours/month per team
- Assisted with cross-functional teams driving effective **GTM** strategies delivering an exceptional **2+** ROI on retentions
- Collaborated with **5+** Business Heads, actively supporting **OKR cycles** improving performance and goal alignment

Cost Benefit Analysis in a Circular Economy | *IIT Roorkee - Research Intern* [Mar'23 - Apr'23]

Guide: Prof. Rajat Agarwal, Department of Management Studies

- Performed **cost-benefit** analysis on **4+** supply chains to calculate economic rate of return assessing economic benefits
- Classified the potential of **industrial symbiosis** for supply chains using **ERR** as the results of performed analysis

Key Projects

Algorithmic Trading | Self Project | *Zerodha API* [Jan'22 - Mar'22]

- Devised **5+** candlestick patterns to assess risk management and track the price action of **50+** firms at the same time
- Modeled and built trading strategies using supertrend & renko on a **3-tier** feedback mechanism to reduce false signals

Credit-Score Algorithms | Finsearch | *Finance Club, IIT Bombay* [Jul'23 - Present]

- Refined credit scoring models by conducting data analysis on **100,000** credit records, identifying pattern similarities
- Analysed credit data for **10+** banks, leading to **95%** accuracy for credit scoring model by identifying **15** key factors

Production and Distribution Optimization | Course Project | *Department of Management* [Feb'22]

- Analyzed research papers and applied a hierarchical planning approach developing a production distribution model
- Devised report analyzing models for a multinational firm minimizing costs & maximizing inventory efficiency by **10%**

Extracurricular Activities

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|-----------|---|
| Aquatics | <ul style="list-style-type: none">Part of 10 member squad in Water Polo & 14 member squad in Aquatics Inter IIT camp [’22]Qualified for State Level Triathlon in two consecutive years covering across 16kms [’16,’17]6 years of experience in Aquatics - Won 2 silver medals in Aquatics GC representing H5 [’22] |
| Technical | <ul style="list-style-type: none">Boeing Aeromodelling Competition - Fabricated a payload drop mechanism in RC plane [’22]Developed a real-time FPV cockpit transmitter for enhanced VR airplane flight experience [’23]Python, C/C++, L^AT_EX, HTML, SQL, Microsoft Office, MATLAB, Adobe Illustrator & figma [’22] |
| Others | <ul style="list-style-type: none">Awarded with Gold medal in the matheletics interschool relay amongst 40+ participants [’20]Selected for Pratham Saupan Badge at Scouts and Guides camp held at Pachmari, MP [’15]Represented Champion School, in the State Camp of Vidyarthi Vigyan Manthan [’20] |
| Social | <ul style="list-style-type: none">Drove impactful PETA activations, promoting compassionate treatment for animal welfare [’23] |