



Aditya Sanghavi
Aerospace Engineering
Indian Institute of Technology Bombay

20B030005
B.Tech.
Gender: Male
DOB: 22/10/2002

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2024	

SCHOLASTIC ACHIEVEMENTS

- Awarded change of branch given to **top 8%** (of **1.3k+** students)
- Secured state rank **27** & district rank **3** in Maharashtra Olympiad
- Achieved state rank of **118** in NSTSE Science & Math examination
- Cleared **Grade 10** International Standard of ABACUS Computation

PROFESSIONAL EXPERIENCE

ACCENTURE BUSINESS ANALYST [Jun '23 – Jul '23]	<i>Offered Letter of Recommendation on basis of persistence, depth, and analytical skills showcased during project <u>Project 1</u> - Single Source of Truth: Refining data from silos for utilization in Enterprise Asset Management software</i> <ul style="list-style-type: none">Ideated & scrutinized 5 fresh features for the software with potential to expand existing clientele by up to 20%Reduced cost by 30% by creating dataset of 1.2k+ assets' bill of materials to train AI to automate classification <i><u>Project 2</u> - Industry 4.0: Digitalization of manufacturing in the aerospace industry for higher levels of optimization</i> <ul style="list-style-type: none">Benchmarked 5 international aerospace OEMs & analyzed KPIs of manufacturing and supply chain processesCut downtime by 20% and maintenance costs by 15% by strategizing implementation of digital twins for OEMs
SILVERNEEDLE VENTURES [Aug '23 - Present]	<i>Venture Capital firm upscaling 30+ start-ups in new-age technologies Fund size: ₹ 1B Investment Analyst</i> <ul style="list-style-type: none">Scrutinizing 150+ Madhya Pradesh based early-stage startups across 5 parameters as investment opportunitiesExamining space-tech industry across 7 segments: tracked funding trends & assessed investment exit strategies
MACAFFEINE [Feb '23 – Mar '23]	<i>Awarded Letter of Recommendation India's 1st caffeine care brand Revenue: ₹ 2.5B Strategy & Growth</i> <ul style="list-style-type: none">Analysed launch & marketing strategy by 4 key brands (worth ₹ 120.7B valuation) in the personal care marketFormulated 5 marketing tactics to achieve a potential customer base increase of 500k+ with minimal resources

POSITIONS OF RESPONSIBILITY

HEAD OF EVENTS 52 nd MOOD INDIGO Asia's Largest College Cultural Festival [Apr '22 – Mar '23]	<i>4-day on ground festival at IITB Campus Net Worth. Events: 240+ Footfall: 146k+ Colleges: 5,000+</i> <table><tr><td>MILESTONES</td><td><ul style="list-style-type: none">Constructed deals with embassies and consulates of 50+ nations to raise funds worthOrganised 15 assorted panel discussions staging over 25 VVIPs gathering a total footfall of 21k+Established strategic alliances to secure ₹ 10M+ worth of showcase acts under a budget of</td></tr><tr><td>INITIATIVES</td><td><ul style="list-style-type: none">Executed launch event ft. A-list stars, economizing 90% (₹ 1M to ₹ 0.1M) via cost-sharing modelConceptualized 5 acts (10k+ audience) worth ₹ 1M+ at zero budget for first-ever HipHop Fest</td></tr><tr><td>LEADERSHIP</td><td><ul style="list-style-type: none">Led 2-tier team of 200+ students to execute 100+ events ft. 200+ national & international artistsCollaborated with 3 departments to rope in sponsorship worth ₹ 1.3M+ & 6 major personalities</td></tr></table>	MILESTONES	<ul style="list-style-type: none">Constructed deals with embassies and consulates of 50+ nations to raise funds worthOrganised 15 assorted panel discussions staging over 25 VVIPs gathering a total footfall of 21k+Established strategic alliances to secure ₹ 10M+ worth of showcase acts under a budget of	INITIATIVES	<ul style="list-style-type: none">Executed launch event ft. A-list stars, economizing 90% (₹ 1M to ₹ 0.1M) via cost-sharing modelConceptualized 5 acts (10k+ audience) worth ₹ 1M+ at zero budget for first-ever HipHop Fest	LEADERSHIP	<ul style="list-style-type: none">Led 2-tier team of 200+ students to execute 100+ events ft. 200+ national & international artistsCollaborated with 3 departments to rope in sponsorship worth ₹ 1.3M+ & 6 major personalities
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INSTITUTE STUDENT MENTOR [Jul '23 – Present]	<i>Selected among 140 out of 380+ applicants via a rigorous procedure involving SoP, peer reviews, and interview</i> <ul style="list-style-type: none">Ensuring smooth shift of 12 freshers providing guidance on academic, extra-curricular and personal growthReceived extensive training on 6 essential mentorship skills from a certified CBT-REBT therapist and trainer						

KEY PROJECTS

Stock Option Correlation [Aug '23 – Present]	<i>Identifying correlation b/w stocks using data on traded option prices Prof. Vineet Virmani IIM Ahmedabad</i> <ul style="list-style-type: none">Exploring relations implied volatility & strike price for 10 major stocks traded in NSE using python-based modelAnalyzing relationships between prices of 30+ stocks by employing Greeks and the pricing of traded options
Kraken Password Analysis [Jan '22 – Jun '22]	<i>Application of machine learning analyzing passcode strength Course Project Prof. Amuthan Ramabathiran</i> <ul style="list-style-type: none">Scrutinized 10k+ commonly used encryption keywords to determine difficulty of cracking using brute forceDesigned a python-based classifier to determine input password as feasible/unfeasible on statistical analysis
Impacts of M&A [Jun '21 – Aug '21]	<i>Understanding patterns and impacts of mergers & acquisitions across markets Angel Broking Finsearch</i> <ul style="list-style-type: none">Evaluated 5 impacts of mergers, acquisitions on bond & stock market to correlate them with current marketsSynthesized and analyzed patterns of mergers & acquisitions by scrutinizing 8 case studies & research papers

EXTRACURRICULAR ACTIVITIES

SPEAKING ARTS	<ul style="list-style-type: none">1st place extempore drama competition (1.4k+ students)3rd position extempore speaking contest (2k+ students)5th position inter-hostel stand-up comedy contestBest debater award: school contest 240+ students
QUIZZING	<ul style="list-style-type: none">Part of quizzing contingent at Inter IIT Cultural Meet 5.0 head at IIT Madras, 3rd place literary arts genreSecured 2nd place in 4 student-team, multi-round citywide quiz by Nehru Science Centre (800+ participants)
MISCELLANEOUS	<ul style="list-style-type: none">Convener at Literary Arts Club; 7 genres, 11k+ students, 100+ events, led 20+ volunteers for flagship eventPursuing a course on Financial Markets remotely offered by Yale University Instructor: Prof. Robert J. ShillerTrained professionally for 1 year in Water Polo under the National Sports Organization (NSO) at IIT BombayCo-produced article in freshers' Newsletter on the difficulties of TAs in an online semester (1.5k+ readership)
SOCIAL WORK	<ul style="list-style-type: none">Initiated beach clean-up campaign in Mahim launched by Sanya Malhotra & collected 200+ kg of wasteCollaborated with 5 NGOs to promote sustainability by giving saplings to 200+ judges and 100+ winners in MI'22
TECHNICAL	<ul style="list-style-type: none">Programming: C++, Python, HTML, CSS, JavaScript Software: MS Office, Canva, Blender, Matlab, AWS