



EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2026	M.TECH Dual Degree 5Y	IIT Kharagpur	8.26 / 10
2021	APBIE (XII)	Sri Chaitanya Junior College, Vizag	98.20%
2019	APBSE (X)	Sri Chaitanya Techno School, Vizag	10.00 / 10

INTERNSHIPS

Hindustan Petroleum Corporation Limited (HPCL) Management Consultant Intern Visakhapatnam <i>Investigated and evaluated inventory management frameworks and new technologies to optimize inventory holding costs at Visakh Refinery</i> <ul style="list-style-type: none">Facilitated a reduction of more than 15% in holding & stockout costs by adopting Smart Warehousing strategies that integrate RFID & IoT technologiesEnhanced efficiency in managing an inventory valued at over INR 420 crore by implementing ABC framework analysis integrating critical FSN factorsImplemented a regression model with an accuracy of 92.23% for cost estimation through integration of historical data, steel & customer price indices	May '24 - Jun '24
Indian Institute of Management Supply Chain Analyst Visakhapatnam <i>Identified and interpreted the global supply chain disruptions by analyzing abnormal stock price returns w.r.t. market returns on weekly basis</i> <ul style="list-style-type: none">Conceptualized link between 20+ global supply chains to identify Tier-0 supply glitches to enhance operational resilience and reduce mitigation timeIdentified abnormal stock behavior with an accuracy of 96.38% based on weekly returns by fitting regression model using Yahoo Finance & Scikit-learnFlagged potential Tier-0 supply disruptions before impact, providing organizations with an average lead time of 2-week for effective mitigation planning	May '24 - Jul '24
Leap Finance (Series D) Strategy and Growth Intern Bengaluru <i>Executed holistic marketing campaigns for US Banks' debit card and credit card services aimed at reaching 10K+ students in India</i> <ul style="list-style-type: none">Led a team of 10 sales executives to achieve 500% Y.o.Y growth through the opening of over 3k+ United States bank accounts with credit cardsReduced lead loss to 20% by analyzing the sales funnel and automating updates for each successful and upcoming step using the WebEngage e-platformPerformed market analysis to boost performance, enabling product development worth USD 924K by drafting documents for US debit and credit cards	Nov '23 - Dec '23

PROJECTS

Deakin University Anomaly Detection for Quality Assurance Melbourne, Australia <i>Leveraged Contrastive Representation Learning for manufacturing industry anomaly detection contributing to advances in quality assurance</i> <ul style="list-style-type: none">Analyzed benefits of unsupervised learning over labeled data with 98.62% accuracy using ReConPatch on defect datasets for industrial quality assuranceIdentified and addressed the need for precision by improving the average training-to-validation loss ratio to 1.02 through AUROC-parameter tuning	Mar '24 - Present
IIT Kharagpur Car Sequencing Problem Course Project - Prof. Abhishek Sharma <i>Optimized manufacturing processes in complex car sequencing problems using statistical optimizations and operations research techniques</i> <ul style="list-style-type: none">Formulated a scheduling model using CPLEX with 6 car classes and 5 option constraints for gains in manufacturing throughput & resource managementAchieved optimal sequence adherence and significantly reduced production delays by 30%, integrating Linear programming and Integer programming	Jan '23 - Apr '23

POSITIONS OF RESPONSIBILITY

General Secretary Students' Welfare Technology Students' Gymkhana IIT Kharagpur <i>Elected representative by electorate of 16K+, Chaired a committee comprising 23 General Secretaries & 70 Secretaries from various Halls of Residences</i> <ul style="list-style-type: none">Organized a 4-day Induction Program by managing a budget of over INR 24L, comprising over 30 events for 1.8K freshmen, leading team of 45 volunteersInitiatives: Gender Neutral Washrooms at IITKGP, Mental Health Mondays, EduBrige, Cleanliness Drive in collaboration with G.O.I, O'Reilly for students	Apr '23 - Apr '24
Executive Head Student Welfare Group & Institute Wellness Group IIT Kharagpur <i>Facilitated 20+ social awareness events, managing a budget of over INR 200K+ to improve the mental health of students based on psychological research</i> <ul style="list-style-type: none">Attained 5k+ SWG app users with marketing strategies; improved the Foresight blog series with 3.6x article response and average of 1.5K views per post	Apr '23 - Apr '24
Secretary Sports and Games Lal Bahadur Shastri Hall of Residence IIT Kharagpur <i>Organized 5+ sporting events by managing INR 30k, witnessing participation of 1k+ boarders by coordinating with General Secretary Sports and Games</i> <ul style="list-style-type: none">Spearheaded an initiative to organize the first-ever inter-wing table tennis competition, attracting over 600 boarders of LBS by coordinating logistics	Dec '22 - Apr '23

COMPETITION/CONFERENCE

Inter IIT Tech Meet 12.0 Overall Gold Mphasis IIT Madras <i>Leveraged quantum computing expertise to contribute to KGP tech contingent, securing overall Gold at Tech Meet 12.0, competing against 20 other IIT's</i> <ul style="list-style-type: none">Increased total allocated PNRs by 9% through multi-optimization techniques like passenger count-based itinerary division and Lagrangian optimization	Dec '23
Harvard Project for Asian and International Relations (ACONF) Hong Kong, China <i>Represented India at global scale, selected as one of the 500 delegates from a pool of 10k+ applicants, networking with delegates from 60 nationalities</i> <ul style="list-style-type: none">Discussed insights in Science & Technology sessions, focusing on sustainability leading global development discussions; awarded full event scholarship	Jul '23
International Conference on Recent Trends in Science, Technology and Management RSP Conference Hub, Coimbatore <i>Presented an abstract of my work on PhiZog technology, contributing to discussions on integrating ML advancements to upgrade traditional methods</i> <ul style="list-style-type: none">Orchestrated the implementation of an SFRAS using OpenCV, Tensor Flow, and Raspberry Pi, enhancing accuracy across diverse organizational settings	Jun '24

EXTRA CURRICULAR ACTIVITIES

Technology:	<ul style="list-style-type: none">Secured a position in top 10 in case study competitions like CreaTech 2024 (L&T), ASM Competition-Deloitte, and Strategy StormRanked 2nd among 23 teams in the Inter Hall General Championship 2024 in the Hardware Modelling Team representing LBS Hall
Awards:	<ul style="list-style-type: none">Selected as an NTSE Scholar from a pool of over 9 lakh students after multiple rounds of the National Talent Search ExaminationReceived the General Proficiency Award for achieving the highest score in overall academic performance among 700+ students
Academics:	<ul style="list-style-type: none">Secured a rank of 551 (top 0.3%) in EAPCET '21 among 1.6 lakh+ candidates conducted by the State Government of Andhra PradeshTop 5% to receive Inter-Disciplinary Dual Degree change to Financial Engineering; top 0.7% in Jee Mains; top 1.6% in Jee Advanced
Volunteering:	<ul style="list-style-type: none">Volunteered as Core Organizing Team Member at CyPhySS 2023, hosted by AI.4.ICPS of IIT KGP in collaboration with IISc BangaloreContributed to the Gold Medal - winning unit in the NSS annual camp conducted by the Ministry of Youth Affairs and Sports, G.O.I
Cultural:	<ul style="list-style-type: none">Secured Bronze prize in the choreography event out of 18 teams at the Cultural GC 2024, by coordinating with team of 50+ studentsContributed as Actor, Script Writer and Governing Body Member at Prasthanam Technology Dramatics Society in 3 events