



Anmol Prabhakar
Mechanical Engineering
Indian Institute of Technology Bombay

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B.Tech.
Gender: Male
DOB: 29/10/2002

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2024	7.75

- **CFA Level 1 Certification Candidate** (May 2024), Chartered Financial Analyst from the CFA Institute, United States of America

PROFESSIONAL EXPERIENCE

Derivatives Structuring Intern IndusInd Bank [May'23 - Jul'23]	<i>Part of Global Markets Group, delivering innovative product solutions across foreign exchange and interest rates</i> <ul style="list-style-type: none">▪ Achieved pricing accuracy within 2bps for over 10+ derivative products leveraging Bloomberg data using Python & Excel▪ Developed an Excel-based Implied volatility calculator for FX options of any strike & expiry, using volatility market data▪ Executed paper trades on currency pairs like USD/INR, EUR/USD & USD/JPY, Yielding 200K USD profit on 1M USD notional▪ Utilized Excel VBA programming, to develop code to calculate VaR (Value at Risk) across a varied portfolio of 600+ trades▪ Implemented Monte Carlo simulation in Python for precise digital and barrier option valuation and risk management
Investment Analyst ForeignAdmits [May'22 - Jul'22]	<i>Awarded Letter of Recommendation from the Founder of the firm, for outstanding performance and innovative thinking</i> <ul style="list-style-type: none">▪ Arranged 20+ meetups, identifying 15+ funding prospects at Collision, Toronto 2022 fostering networking & funding▪ Collaborated in pitch deck creation, featuring startup's strengths for INR 10M funding pursuits from potential investors▪ Published researched article on startup's website, analyzing study opportunities across US, Canada, Australia, and UK

KEY PROJECTS

IB Competition Finance Club	<i>Analyzed Britannia's potential acquisition by HUL, incorporating financial modeling, synergy evaluation & risk analysis</i> <ul style="list-style-type: none">▪ Identified 15.2% overvaluation for Britannia stocks through DCF valuation; computed Beta, Cost of Equity, and WACC▪ Led non-financial analysis, spotting alignment, fit and risk mitigation, advising the acquisition for HUL's profitability
FinSearch Finance Club	<i>Assessment of climate change impact and risk exposure on the financial performance of 30+ firms across categories</i> <ul style="list-style-type: none">▪ Assessed climate change impact on 10+ polar firms' operations, finances and sustainability using financial indicators▪ Devised ESG-sensitive investment strategies with risk tolerance and optimal climate-conscious portfolios for investors
KPMG Lean Six Sigma	<i>Awarded Green Belt Certification for 32-hour training in enhancing operational efficiency and process improvement</i> <ul style="list-style-type: none">▪ Reduced production cycles (27%) & improved operational efficiency (15%) in 2 industry projects by leveraging Minitab▪ Engaged in 10+ case studies across industries using LSS tools to address inefficiencies and drive operational excellence
Autonomous Driving Car	<i>Training Self-Driving Car using Deep Learning Techniques Preprocessed 7400+ images Achieved 81% accuracy</i> <ul style="list-style-type: none">▪ Amplified the dataset size by 100% implementing impactful Data Augmentation methods like flipping and zooming▪ Utilized Keras-based Transfer Learning on the ResNet-50 architecture to accurately predict necessary vehicle rotation
Option Hedging	<i>Implemented dynamic portfolio hedging strategies with options, achieving significant risk reduction across diverse assets</i> <ul style="list-style-type: none">▪ Enhanced risk-adjusted decisions by 40%, utilizing Python script for accurate theoretical option and Greeks calculations▪ Attained a 30% reduction in portfolio liquidation risk using options Greeks to analyze and fine tune option portfolios

LEADERSHIP ROLES

Marketing Manager Radiance	<i>Revitalized RADIANCE the annual Research & Technology Fest of Mechanical Engineering, after 3 years Footfall of 2K</i> <ul style="list-style-type: none">▪ Organized and orchestrated a quiz competition engaging 300+ participants preparing for JEE, representing 50+ schools▪ Secured sponsorships and directed workshops, managing an overall budget of approximately INR 500K with precision
Events & Ops SARC	<i>Part of a 3-tier team of over 70 members, fostering relations between 60k+ alumni and 10k+ students Budget INR 1.2 M</i> <ul style="list-style-type: none">▪ Directed end-to-end execution of Alumination, SARC's flagship event, drawing participation from over 1000 student▪ Initiated 'Founders Pitch' in the first pan-IIT SARC TANK, fostering emerging entrepreneurs; Reached over 1000 student
FinSearch Mentor	<i>Supervised 4 teams consisting 16 students for project focused on Introduction to Corporate Finance; Debt vs Equity Financin</i> <ul style="list-style-type: none">▪ Guided and provided them with resources to grasp financial statements, cash flows, & other essential financial concep

SCHOLASTIC & EXTRACURRICULARS

Scholastic	▪ Ranked top 10% in the batch, awarded a branch change ▪ Secured coveted MITACS Globalink'22 Research Internship
Finance	▪ Investment Banking Virtual Experience Program by JP Morgan ▪ Environmental Social Governance (ESG) by Bloomberg
Social & Cultural	▪ Participated in Blood Donation Drive as one of 600+ donors Provided career counseling to underprivileged students
Skills & Interests	Excel VBA PowerPoint Python C++ Bloomberg Power BI Minitab GitHub Trekking Gym World Geography Chess
Miscellaneous	▪ Cleared NDA SSB -Stage 1 among 4.62 lacs+ applicants ▪ Cleared KVPY SA Stage-1 from over 1.5 lacs+ applicants ▪ I