

ACADEMIC ACHIEVEMENTS

Year	Degree/Certificate	Institute	CPI/%
2024	CFA LEVEL 1	CFA Institute	$\geq 90\%ile$
2021 - Present	Bachelor of Technology	Indian Institute of Technology, Kanpur	8.13/10
2021	CBSE(XII)	DAV Sreshtha Vihar, Delhi	94.4%
2019	CBSE(X)	St. Mary's Christian School, Ghaziabad	93.4%

SCHOLASTIC ACHIEVEMENTS

- Cleared **CFA Level 1** August 2024, achieving a score in the top 90%ile and surpassing the highest benchmark across all subjects
- Secured **All India Rank 5690** in **JEE Advanced 2021** among the 1.4 Lakh shortlisted candidates conducted by IIT Kharagpur
- Secured **All India Rank 11120** in **JEE MAINS 2021** among the 1.2 Million candidates conducted by the NTA

WORK EXPERIENCE

Business Consultant Intern | JBG Ventures

(Dec'24-Feb'25)

- Conducted **market research & Cost-Benefit analysis**, to identify trends, gaps & opportunities, delivering strategic insights
- Designed data-driven tailored strategies & operational plans aligned with clients' goals, driving creativity & long-term success
- Assisted in tech-focused solutions ensuring seamless execution, measurable improvements in efficiency & optimized performance
- Created pitch decks, reports, & dashboards to present data-driven insights, enabling informed decision-making for innovation

Investment Banking Intern | Plutus Business Advisory

(May'23-June'23)

- Performed valuation reporting and limited due diligence for 20+ startups across diverse industries, including infrastructure, healthcare, digital & technology and more to facilitate funding opportunities from 30+ leading venture capital firms in India.
- Created the **Three Statements Model for Financial Planning and Analysis- Balance Sheet, Income Statement and Cashflow Statement** using company reports and estimates for 5 years using company's raw data, assumptions and projections
- Developed firm valuation models using **Discounted Cash Flow (DCF)**, **Relative Valuation**, and **Asset-Based methods**, integrating a Three Statements Model with company data, and updated models based on client and associate communications
- Reviewed pitch decks of client startups to verify compliance with the listed parameters of the funding process

KEY PROJECTS

Financial Analyst Programme | Finlatics

(Dec'22-Jan'23)

- Focusing on the Chemicals Sector of India, researched its current state, future predictions and the advancements in it
- Implemented **Portfolio Optimization**, ran **Monte Carlo Simulations** and analysed the risk and return of the stocks of 6 Chemical sector companies and compared them using **Beta** and **Treynor Ratio** using raw trading data from NSE/BSE
- Did **Company Analysis** of Bayer Crop Science, AARTI Chemicals and Pidilite Industries through **SWOT Analysis, Company and Management Overview** and market share to suggest a chemicals sector large cap portfolio

Stock Price Prediction Model using ARIMA | Course Project, MTH442 Amit Mitra

(Aug'23-Nov'23)

- Analyzed 10 years of historical stock price data for TCS to develop a robust ARIMA forecasting model in **MATLAB**.
- Implemented the ADF test at a 5% significance level to assess stationarity, applying differencing till 2nd order for stationarity
- Identified AR and MA components by interpreting PACF and ACF, determining significant lags-AR(p) and MA(q) components
- Tuned ARIMA parameters based on ACF and PACF analysis and cross-validated with RSME and MAE to assess performance

Housing Price Prediction Model | Self Project

(April'24)

- Split datasets into training/testing sets using NumPy & Sklearn, ensuring a balanced evaluation framework for price predictions
- Visualized attribute relationships using pandas & matplotlib, providing clear insights into data patterns for informed modeling
- Applied Linear Regression, Decision Tree & Random Forest models to predict housing prices, testing for accuracy and efficiency
- Compared model performance by standard deviation on testing data to identify & implement the most efficient prediction model

TECHNICAL SKILLS

Languages & Libraries	Python, C/C++, SQL, Numpy, Matplotlib, Pandas, Scikit-learn, MS Excel, Tableau, Power BI
Financial Models	LBO Model, SOTP Model, 3 Statements Model, DCF Model, Relative Valuation, Cost Model
Soft Skills	Problem Analytics, Communication, Leadership, Teamwork, Management, Resiliency

Positions of Responsibility

Organiser-Finance Vertical| Udghosh Sports Fest, IITK

(July'23-Apr'24)

- Organized India's largest sports fest with 450+ college participants and 10M+ viewers, assisting in management across verticals
- Built budgets for UNOSQ and fest activities (e.g., lighting, sound, tents) using MS Excel, verifying reports with the DOSA office
- Managed senior executive team of 50+ students and liaised between Udghosh and the DOSA Manager, overseeing fest expenses

Finance Secretary| Entrepreneurship Cell, IITK

(Apr'22-Feb'23)

- Organized UpStart'22 as part of the E-Cell team, a flagship event designed to support emerging startups. Successfully connected over 120+ startups with top-tier venture capitals, facilitating the introduction of key industry players to early-stage companies
- Secured participation from over 25 startups for UpStart'22, effectively communicating the event's investment benefits
- Conducted E-Summit'22, effectuated with the intention to foster entrepreneurial initiatives and activities in the campus, nurturing India's future technopreneurs