ARJUN JHUNJHUNWALA

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SCHOLASTIC ACHIEVEMENTS

- Secured **All India Rank 401** among 180k+ students in the **JEE Advanced** examination ('23)
- Achieved a percentile of **99.91** out of 1.1 million+ candidates in the **JEE Main** examination ('23)
- Ranked **34** out of 120k+ candidates in the West Bengal Joint Entrance Examination (**WBJEE**) ('23)
- Ranked **1st** among **200+** students in **ICSE** examinations with a **99.40%** aggregate ('21)

EDUCATION

Indian Institute of Technology Bombay
GPA: 9.09

B.Tech in Electrical Engineering with a minor in Computer Science Engineering (July '23 - May '27)

EXPERIENCE

Proficient Capital | Founder's Office Intern
Mumbai

*Leading business associate of **IIFL Capital** with **800+** clients and INR **250Cr+** AUM* (Dec '24 - Jan '25)
- Offered to continue the **internship in-semester** for my sincerity, dedication, and strong work ethic
- Executed **brand-building** initiatives across multiple platforms, integrating **competitor benchmarking** and market research to uncover untapped market gaps, key trends, and business growth opportunities
- Applied **derivative frameworks** and performed market research to deliver actionable, data-driven insights

Quant Sector Analyst | Investment Team IIT Bombay
(July '24 - Present)

A 17-member team of finance-focused students with a vision to build a student-run fund
- Conducting in-depth research and analysis to manage a fund of **INR 5 lakh** across diverse sectors
- Averaged **14%** return per trade with a **5.5** reward-to-risk over 8 years by swing trading on **Nifty50**
- Delivered an extensive **pairs trading** backtesting and validation framework to **Proficient Capital**

KEY PROJECTS

Pairs Trading Backtesting Framework

Investment Team IIT Bombay for Proficient Capital (Jan '25 - Feb '25)
- Delivered a framework built from scratch using **Python** and **tv-datafeed** to backtest strategies with **customisable z-score** based entry-exit, **lookback period** and **hedge ratio** computation mechanism
- Validated pairs for pair trading by determining their **co-integration** and **mean reversion** over 10 years
- Achieved as high as **2x** returns using leverage and setting the recent **swing high or low** as the stoploss

Discounted Cash Flow Analysis - Varun Beverages

Financial Modeling Bootcamp, Finance Club, IIT Bombay (Dec '24)
- Designed a DCF model for **Varun Beverages Ltd.**, forecasting revenues over **253 billion INR** by 2027
- Performed in-depth Weighted Average Cost of Capital (**WACC**) calculations, incorporating **market beta**, **risk-free rate**, and **equity risk premium** to evaluate optimal capital allocation and investment strategies
- Conducted **peer benchmarking** and comparative analysis to identify strengths and opportunities for growth

LSTM-Based Real Estate Price Prediction
(Dec '24)
- Scraped the prices of **15,000+** properties in Mumbai listed on **Housing.com** and cleaned the data
- Trained a **LSTM** model in **R** to predict price of a property from features such as locality, area, age, etc.

SKILLS

Programming Languages:	Python, R, C++, Java, PineScript, Assembly, Embedded C, HTML, CSS, JavaScript
Libraries & Softwares:	Bloomberg, ReactJS, NumPy, Pandas, BeautifulSoup, Git, Excel, Canva
Relevant Coursework:	Financial Statement Analysis and Reporting, Economics 101, Data Structures and Algorithms, Computer Programming, Probability and Random Processes

EXTRACURRICULAR ACTIVITIES

- Participated in **Equity Research** and **Venture Capital** Case competitions by Finance Club, IIT Bombay
- Led a team of 8 organisers as **Corporate Relations and Events Coordinator** during the **E-summit '25**
- Passed Grade 5 of the Electronic Keyboard Examination conducted by **Trinity College London**
- Competed in **CodeGames v2**, a competitive programming contest by WnCC, IIT Bombay
- Mentored 2 teams of 4 students each in **XLR8**, a bot-making competition conducted by ERC, IIT Bombay
- Awarded **Best Internal Delegate** in Bosco Model United Nations 2019 in the UNSC committee