

**ADITYA RAJENDRA MADKAR**Course : **B.E. (Hons.)**, Mechanical Engineering, 2023

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CGPA : 7.3

**PROJECTS****Akuna Capitals - Option Trading****May 2023 - Jun 2023**

- Acquired an in-depth understanding of the Option Greeks and their roles in assessing risk and determining option values.
- Learned hedging strategies using the Greeks to manage and mitigate risk in options positions.
- Analyzed payoff diagrams associated with different buying and selling strategies, enhancing proficiency in evaluating potential P&L scenarios.
- Developed knowledge in options trading, including risk management techniques and effective decision-making strategies.
- Used these strategies to trade in live market and increase my capital approx 300% of original amount in 1 year.

**Fundamental Analysis / Ratio Analysis - Finance****Apr 2021 - May 2021**

- Analyzed 2 publicly traded companies (Berger Paints and Shree Cements) by reviewing the last two years' Balance Sheet, Income Statement and Cash Flow Statement from their Annual reports
- Conducted thorough research to compare various ratios including the Current Ratio, Quick Ratio, Operating Profit Margin, Earnings per Share and the Net Profit Margin for Fundamental Analysis

**SUMMER INTERNSHIP / WORK EXPERIENCE****Business Analyst, LogiPe****Jul 2022 - Dec 2022**

- Collaborated with team in confluence to document task progress to increase customerbase, improving retained customer rate by 16%
- Designed and created products for the company, such as LogiDeposit and Toll calculator that helped Fleet Owners save approx 2% cost for each trip and increased the number of customers

**Intern, Plastic Water Labs****May 2020 - Aug 2020**

- Designed and developed a 'moisture-sensing waterer' to help automate irrigation. Tech used Python and Arduino Ide.
- An in-person demonstration was held with the Director of BITS Pilani, Hyderabad campus
- Was awarded a scholarship of Rs 11000 for outstanding performance by the Birla Institute of Technology

**CERTIFICATIONS****CERTIFICATION****CERTIFYING AUTHORITY****Akuna Capitals Options 101**

Akuna Capitals

**Subjects / Electives**

Probability and Statistics, Derivatives risk management, Python, Computer programming C/C++, Development in Economics, Fundamentals of Finance and Accounting, Calculus

**Technical Proficiency**

C++, Python3, SQL

**AWARDS AND RECOGNITIONS****Awards | STEM****Jun 2016**

- Achieved an impressive 98.6 percentile in the IIT-JEE exam, showcasing strong aptitude and performance in the field of engineering.
- Attained position in the top 5 percentile of the MENSA IQ test, reflecting exceptional intellectual capabilities and problem-solving aptitude.

**POSITION OF RESPONSIBILITY****General Secretary and Captain - Chess club sports board****Jan 2021 - Aug 2022**

- Spearheaded a motivated team of over twenty chess players, and managed a budget of over 60,000 Rupees to organize the chess event in one of India's most prominent Sports Fests, Spree
- Lead the team to victory during several inter - college competitions in universities including IIT Bombay, IIM Ranchi and BITS Pilani, Hyderabad, winning two Gold and two Silver medals

**EXTRA CURRICULAR ACTIVITIES****Interests**

- Chess, Football, Reading, Sketching, Investing and Managing a diverse equity portfolio, Intraday trading in options and equity

**Chess**

- Won First Prize in the Under-9 category of the 4th Mangalore All India Open Rating Chess Tournament
- Represented the State of Maharashtra in various National level chess competitions for 5 consecutive years

**VOLUNTEER EXPERIENCE****Nirmaan and Abhigyaan** - Role: Volunteer | Cause: Education**Aug 2020 - Aug 2021**

- Led a team of 10 volunteers for Project 'DISHA' to educate **underprivileged** children in Zari and captured 50% improvement in results, which helped them get admissions in Kendriya Vidyalaya