

Shreya Tandon

📍 Bangalore City, India ✉ Tandon.shreya16@gmail.com ☎ + 91 6398232710 🌐 <https://www.linkedin.com/in/shreya-tdandon> 📄 <https://github.com/shreyatandon16>

EXPERIENCE

Quant Analyst

Quantstride

July 2023 – Present, Bangalore

- Developed complex quantitative models to assist with pricing, risk management, and portfolio allocation decisions, leading to maximum revenue in the most efficient risks.
- Produced models in a distributed computing environment, creating flexible tools and tools optimized for runtime to generate results faster, driving profit by 25%.
- Implemented algorithms to automate quantitative trading strategies, allowing for 24/7 strategy execution, and reducing risk exposure by 8%.

SEO content writer intern

witnip technologies

June 2022 – September 2022

- Developed and implemented keyword optimization strategies for five blog pages, resulting in a 19.7% increase in organic search engine traffic within six months.
- Helped in writing SEO based content on various topics

PROJECTS

Sentiment analysis for Imdb

- Conducted natural language processing to classify sentiment in user-generated content from imdb reviews, achieving an accuracy rate of 85%.

Plagiarism check

mini project for coursework

- Implemented a plagiarism detection platform, resulting in a decrease in false positive rate from 35% to 10%, enabled the site to analyze up to 5 million documents per day, and provided users with accurate percent of originality.
- Developed an AI-driven system to detect and compare content across web sources using natural language processing, advanced machine learning algorithms, and semantic similarity analysis techniques.

Stock market analysis

- Conducted comprehensive fundamental analysis of stocks, including financial statement analysis, industry research, and competitive analysis.
- Conducted technical analysis using various charting techniques and indicators to identify market trends and support investment decisions.

EDUCATION

Bachelor of Engineering in Information Science and Engineering

MVJ college of Engineering • Bangalore • 2024 • 8.7

12th grade

Minor in Physics, Chemistry and Mathematics • Bishop conrad sr. sec school, Bareilly • 2020 • 88%

CERTIFICATIONS

Python and flask framework by udemy

Modern JavaScript for React JS- ES6[2023] by udemy

Google AI beginner track by google

2022

SKILLS

Technical Skills: App Development, Data analyst

Languages: C++, Java, Python, SQL

IDE and toolkits: VS Code

General: Data Structures and Algorithms, App Development, Object Oriented Programming, Cryptography and Network Security

Soft Skills: Debater, Content writer

COURSEWORK

Problem solving with C, Internet of things, Cryptography and network security, Design and Analysis of Algorithm, Data structure, Web Technology, Computer Network, Operating system, Computer architecture, Linear Algebra, Database Management Systems, Software Engineering, Object Oriented Programming, Theory of computation, Machine learning, data science using R, Python and C++

INVOLVEMENT

Co-Organizer

Mvj college of Engineering • TEDxMVJCE • October 2021 – Present

- Co-organized TEDx event with 100 attendees and 7 speakers, resulting in a 20% increase in participant satisfaction ratings.
- Managing 6 additional teams to delegate tasks & to complete the entire program on time and within budget.

Writing society

saahitya • October 2021 – Present

- Member of a writing team that produced a variety of content, including articles, blog posts, and marketing materials.
- Developed strong writing, editing, and proofreading skills.

Debate society

saahitya · October 2021 – Present

- Member of the debate team for 3 years, participating in local and regional competitions.
- Developed strong research, public speaking, and critical thinking skills.