

AMRITA SINGH

+91 9811654207 ✉ amrita.singh27004@gmail.com  [LinkedIn](#)

Education

Thapar Institute of Engineering & Technology, Patiala

Sept 2022 - June 2026

Bachelor of Engineering in Computer Science & Business Systems

CGPA: 8.3/10

Modern School, Barakhamba Road, New Delhi

May 2022

12th Grade CBSE

93.6%

10th Grade CBSE

94.6%

Experience

Indian Army Internship Programme 2025

June 2025 – Aug 2025

Financial Analytics & AI Intern

- Built a full-stack AI Chatbot using LLMs for automated analysis, projection, and forecasting of defense budget data for the Financial Planning Directorate
- Developed a RAG-based Chatbot to retrieve insights from procurement documents and classified handbooks, reducing information access time significantly
- Designed ER diagrams and system workflows mapping fund flow from the Ministry of Finance to regiments, improving internal financial transparency

Schneider Electric

June 2024 – July 2024

Data Analytics Intern

- Developed and implemented 5 VBA macros to automate tasks like report generation and mail correspondence, saving 10 man-hours weekly, streamlining processes, and improving team efficiency

Projects

SpendSync: A Real Time Expense Categorization Website

[LINK](#)

- Built user-friendly Expense Management Web app featuring real-time expense tracking, income input, expense categorisation, and savings goal setting functionalities with over 100+ active users

MediTech : Simplifying Clinic Management with Seamless Technology.

[LINK](#)

- Developed user-friendly software solution for small clinics, featuring real-time patient management, appointment scheduling, and electronic health records with over 10 active clinics efficiently managing their operations

Twitter Sentiment Analyzer: Unlocking Social Insights Through Cloud Power.

[LINK](#)

- Developed Twitter Sentiment Analysis app using Flask and NLP to classify tweet sentiments (positive/negative/neutral), deployed on AWS for real-time, scalable cloud-based sentiment monitoring and analysis

Skills

Languages Database Tools: C++, SQL, VBA, HTML, CSS, Python, AWS

Coursework: Data Structures, Operating Systems, Software Design, Database Management, Object Oriented Programming, Cloud Computing, Artificial Intelligence

Soft Skills: Critical Thinking, Effective Communication, Problem Solving, Team Coordination, Design Thinking

Position of Responsibilities

Econ Club, TIET

July 2024 – Present

Creativity Head, Executive Board

- Led as Event Head for IPL & UEFA Auctions, managing over 100 participants and coordinating logistics for a successful event execution, leading to a 10% increase in the foot-fall
- Served as Executive Head for the Wolf of Dalal Street event, overseeing a team of 30+ members and contributing to a 30% increase in participant engagement

Training and Placement Cell, TIET

July 2024 – Present

Student and Placement Representative

- Acted as Student Placement Representative (SPR) for the Computer Science and Business Systems '26 batch, facilitating internship and placement opportunities for over 80 students

Achievements & Certifications

- Selected for McKinsey & Company's Forward Program 2025, a curated learning journey for future leaders focused on problem-solving, communication, and leadership development.
- Awarded Best Novice Speaker at Trivium XIV, a prestigious debate competition at PEC University, Chandigarh
- Awarded High Commendation in the Johns Hopkins Essay Competition 2020, recognizing excellence in writing and valuated multiple solutions to determine the best course of action