



# ANMOL S.

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## Education

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**Thapar Institute of Engineering and Technology**

*B.E in Computer Science , CGPA - 8.77*

**Sep. 2022 – May 2026**

*Patiala, Punjab*

**Good Shepherd Public School , CBSE**

*XII , Percentage - 85.4*

**April 2020 – May 2021**

*Ganganagar, Rajasthan*

## Experience

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**Gen AI Intern (Short-Term Exposure)**

**June 2025**

*Cubastion Consulting*

*Gurgaon, India (Onsite)*

- Worked on chaining multiple agentic LLMs using custom prompts and control flows to enable dynamic task delegation and coordination.
- Gained hands-on experience with LLM tools and supported internal initiatives through research, documentation, and functional prototyping.
- Collaborated in Agile environments, observing real-world practices in cross-functional AI development teams.

## Projects

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**Video Transcoder**

- Utilized **FFmpeg** to simultaneously transcode videos into multiple formats.
- Implemented **node clustering** to optimize computing resources on AWS machines
- Used **load balancer** to spin up new instances when the load on a machine increases.

**MovieTrend**

[Link](#)

- Developed a **React application** that fetches and displays movies from the TMDB API.
- Implemented a real-time trending movies feature that tracks the top 5 searched movies using **Appwrite as the backend**.
- Optimized database queries using **useDebounce** to prevent redundant API calls during user searches.

**Sales Prediction using Web Scraping**

[Link](#)

- Used web scraping with BeautifulSoup in Python to gather video game sales data from online sources.
- Processed and cleaned the scraped data, then engineered features for linear regression and decision trees.
- Created heatmaps with **Seaborn** to analyze attribute correlations and used **Matplotlib** for data visualization.

## Coursework

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|---------------------|-------------------------------|
| • Data Structures   | • Object Oriented Programming |
| • Computer Networks | • Database Management         |

## Technical Skills

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**Languages:** Python, C, C++, HTML/CSS, JavaScript, SQL

**Developer Tools:** AWS, Git/Github, Postman , VS Code

**Libraries:** Beautiful Soup, Express, LangChain, Matplotlib, Numpy, Pandas, React

**DataBase:** MongoDB

**Technologies/Frameworks:** Next.js

## Position Of Responsibility

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**URJA, TIET**

*Event Management Department Head*

- Led the organization of Urja, the annual sports fest at Thapar Institute, facilitating the participation of **more than 1,000 students** from various institutions and managing large-scale event logistics and coordination.

## Achievements

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- Selected as one of **1,860 teams from a larger pool of 15000** for advanced competition in the Hackon with **Amazon Season 5**.
- Solved 300+ coding problems across Leetcode and GeeksforGeeks, enhancing data structures, algorithms, and optimization skills.
- Achieved a **96.31 percentile in JEE Mains 2022**, securing an All India Rank of 33,212, demonstrating strong analytical and problem-solving skills.