

Manya Goel

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Education

Shiv Nadar University, Bachelor of Technology in Computer Science August, 2023 - Present

- CGPA: 8.85
- Relevant Coursework: DSA, OOPS

Delhi Public School, Indirapuram

- CBSE Class XII (PCM + CS)- 95% 2024
- CBSE Class X- 97.6% 2022

Projects

ERP System — Python, SQL, Tkinter July, 2022

- Designed an intuitive GUI for students and teachers with features like games (Hangman), a doubt-clearing portal, and a module for teachers to add lecture links.

Hospital Management System — Python, SQL, CSS, HTML, JFlask September, 2024

- Worked on the backend using Python and SQL for login/signup features and managing doctor appointments, medicine purchases, room reservations, and patient discharges.
- Made in a team of 6 for a hackathon.

Movie Ticket Booking System — SQL, Python In Progress

- Developing an app for movie booking similar to BookMyShow in a group of 2 as a Sem 4 project.

Face Restoration in Old or Damaged Images — Python, PyTorch/TensorFlow In Progress

- Our model will be trained on a dataset of old and degraded images paired with high-quality restored versions to generate realistic restorations. The method generates occluded and occlusion-free training pairs by transferring occlusions between two 3D face reconstructions derived from the input image and performing dual rotate-and-render operations.

Technical Skills

- Programming Languages: Python, C, Java, SQL
- Databases: MySQL
- Frameworks: Tkinter

Achievements & Awards

- Second Runner Up in SNU Smart Hackathon Sept 2024
- Deans List- Monsoon 2023, Shiv Nadar University, Greater Noida Feb 2024
- Gold Medal for proficiency in academics, Delhi Public School, Indirapuram Feb 2023

Non-Academic Contributions

Inferno Dance Society — Member 2023 – Present

- Performed at various college fests and competitions.
- Volunteered for SMP, teaching choreography to beginners.

Aura Volunteering Club — Member 2024 – Present

- Participated in drives focused on supporting underprivileged children.
- Collaborated with NGOs to teach and engage with kids.
- Volunteered at a fun event for children of workers employed at the college.

Content Team, GDSC — Member 2024 – Present

- Contributed to creating and curating engaging content for events and workshops.