BHAVAY SINGLA

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EDUCATION

Bachelor of Computer Science, Delhi Technological University   Expected 2027
CGPA : 9.1

Intermediate (Class XII), Government Model Senior Secondary School, Chandigarh (CBSE)   2022 - 2023
Percentage : 94%

Matriculate (Class X), St. Stephens School, Chandigarh (ICSE)   2012 - 2021
Percentage : 95%

SKILLS

Computer Languages	C, C++, Java, Python, HTML, CSS, JavaScript
Additional Courses	Data Structures and Algorithms, Object Oriented Programming, Operating Systems
Languages	English, Hindi

EXPERIENCE

Research   August 2024
Dr. Indu Singh   *DTU, Delhi*

- Achieved growth for Machine Learning involving various optimization techniques.
- Learning famous algorithms such as Metaheuristic Algorithm, Particle Swarm Optimization, Gray Wolf Optimization, and various other nature inspired optimization algorithms.
- Aim to build a project using Modified or hybrid versions of such algorithms.

ACHIEVEMENTS

- JEE Advance Rank: 2795
- JEE Mains Rank: 4662
- Solved 100+ LeetCode challenges, strengthening expertise in data structures, algorithms, and problem-solving techniques, with a LeetCode rating of 1512. (singla19)

PROJECTS

Movie Recommendation System Developed a Python-based movie recommendation system that uses TF-IDF vectorization and cosine similarity to recommend movies based on genres, keywords, taglines, cast, and directors. The system allows users to input a movie title and suggests closely matched films using textual similarity.

Connect4 Game Developed a Python-based Connect 4 game with an interactive player-versus-computer mode. The game includes a 6x6 grid, win detection, tie conditions, dynamic board display, and randomized computer moves.

PharmaCare Website Developed a fully functional pharmaceutical company website using HTML and CSS, featuring healthcare products and company information. The site includes seamless navigation with dedicated pages for home, about, products, and contact.

EXTRA-CURRICULAR ACTIVITIES

- Member of National Cadet Corps (NCC - DTU), developed leadership skills through training and participation in various events as a Cadet.
- Member of Google Developer Students Club (GDSC - DTU), Actively participated in study jams and workshops focused on Google Cloud technologies.