Ritika Thakur

BTech CSAI undergraduate
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EDUCATION

•Indraprastha Institute of Information Technology, Delhi — 2026
BTech CSAI — CGPA: 9.1

•White Leaf Public School — 2022
Board of Intermediate Education, State — Percentage: 93.4

•St. Francis School — 2020
Board of Secondary Education, State — Percentage: 95.6

PERSONAL PROJECTS

•SignXpert — December 2023
https://github.com/Ritii-13/SignXpert

- Tools & technologies used: Python, OpenCV, TensorFlow
- Worked on the project in an attempt to create an American Sign language translator that enables the translation of sign language into text. Planning on expanding it further.

•Stick Hero Game — December 2023
https://github.com/Ritii-13/Stick-Hero-Game

- Tools & technologies used: Java
- My implementation of the Stick Hero Game. Improvements in progress.

•Hello World — December 2023
https://github.com/Ritii-13/Hello-World

- Tools & technologies used: HTML, CSS, JavaScript
- My personal portfolio website.

•Memory Management System — November 2023
https://github.com/Ritii-13/Memory-Management-System

- Tools & technologies used: C
- Built a memory management system using mmap and munmap in C.

•Assembler-Simulator — May 2023
https://github.com/Ritii-13/Assembler-Simulator-2

- Tools & technologies used: Python
- Designed and Implemented assembler and simulator as part of a group project following the ISA provided to us in the assignment

EXPERIENCE

•Teach Like a Friend — August 2023 - December 2023
Teacher/ Mentor

- Taught physics, mathematics and electronics to students of grades 9 and 10 in SKV, Tughlaqabad

•Organised a Tech Fest — September 2023
Part of the organising team for Esya: Tech fest of IIITD

TECHNICAL SKILLS

- Python
- Java
- C
- HTML
- CSS
- JavaScript

Soft Skills

- Communication and Emotional Intelligence
- Leadership and Teamwork
- Problem Solving and Conflict Resolution
- Creativity

Achievements

- I have been honored to be chosen as a Google WE Scholar among the top 1% applicants from a pool of over 22,000 candidates. — 2023

- I take immense pride in securing a place among the top 150 students in the IET India Scholarship Award, achieved amidst a competitive pool of over 43,000 candidates. — 2023

- I am thrilled to have been honored with the Reliance Foundation Scholarship for undergraduates, earned among a competitive pool of 40,000 candidates. — 2023