# VANSHIKA SOHAL



A driven and curious B.Tech Computer Science student at Thapar Institute of Engineering and Technology, Patiala, with a strong passion for programming and a keen interest in applying problem-solving and analytical skills to real-world challenges

## CONTACT

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### LINKED IN
https://www.linkedin.com/in/vanshika-sohal-97066a323/

### GITHUB
https://github.com/VanshikaSohal

## EDUCATION

**Thapar Institute Of Engineering And Technology, Patiala**
B.Tech in Computer Science Engineering
(2024 – 2028)

**St. D.R. Public Sr.Sec.School Gagret District-Una,Himachal Pradesh**

### Activities and Societies:

Member at TMS(Thapar Mathematical Society)
Member at LEAD Society

## COMPUTER SKILLS

Languages: C, C++,Python
Frontend :HTML,CSS,JS
Backened:Flask
Database:Sqlite
Tools: Git, GitHub
Core Skills: Data Structures & Algorithms, Problem Solving

## PROJECTS

https://github.com/VanshikaSohal/Sorting-Algorithm-Benchmark/tree/main

Sorting Algorithm Benchmark
This project benchmarks Bubble Sort, Merge Sort, and Quick Sort using Python. It measures and compares their runtimes on arrays of different sizes. The results are visualized using Matplotlib in a bar chart.
Useful for understanding time complexity and real-world performance differences..

VanshikaSohal/STATIC-MYNTRA-CLONE

Designed a static Myntra clone using HTML and CSS. Recreated the homepage layout with navbar, banners, product cards, and footer to match Myntra's UI. Focused on layout structure, styling, and responsive design basics.