# VANSHIKA SOHAL

*B.Tech CSE | Thapar Institute of Engineering and Technology (2024–2028)*
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## About Me

A self-driven and enthusiastic Computer Science student passionate about building impactful projects, exploring backend technologies, and contributing to collaborative team environments. Adapt at problem-solving, web development, and data structures with a strong foundation in C++, Python, and Flask.

## Skills

**Languages & Programming:** C, C++, Python, JavaScript
**Web Development:** HTML, CSS, React.js
**Backend & Database:** Flask, SQLite
**Tools:** Git, GitHub, VSCode, Canva
**Core CS Concepts:** Data Structures & Algorithms (DSA)

## Projects

**Myntra Clone —**[Github](Github)

*Tech Stack:* HTML, CSS, JavaScript
• Built a front-end clone of Myntra's homepage with product cards and navbar.

**Sorting Algorithm Benchmark** — [GitHub](GitHub)
*Tech Stack:* C++, Python, Pandas, Matplotlib
• Benchmarked Bubble, Merge, and Quick Sort algorithms; visualized runtime comparisons using bar charts.

**LEAD Website (Team Project)** — [GitHub](GitHub)
• Collaborated in developing the official website of LEAD TIET.

## Positions & Initiatives

• Member – Marketing & Technical Team, LEAD TIET
• Content Team – Thapar Mathematical Society (TMS)
• Organizing Committee – Shoonya 5.0 (TMS Annual Fest)
• Awarded Medal for Best Management Skills – Shoonya5.0  2025

## Achievements

• Selected for Unstop Mentorship Program