# VANSHIKA SOHAL

*B.Tech CSE | Thapar Institute of Engineering and Technology (2024–2028)*
*Himachal Pradesh, India · +91 9459970748 ·vanshika07sohal@gmail.com*
*GitHub: https://github.com/VanshikaSohal · LinkedIn: https://linkedin.com/in/VanshikaSohal*

## 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
**Core CS Concepts:** Data Structures & Algorithms (DSA)

**Tools:** Git, GitHub, VSCode, Canva
**Backend & Database:** Flask, SQLite

## Projects

**Myntra Clone —Github**

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

**Sorting Algorithm Benchmark — 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**
• 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)

## Achievements

- Selected for Unstop Mentorship Program
- GSSOC2025 Contributor
- Awarded Medal for Best Management Skills – Shoonya5.0  2025
- Participated in LEADCODE2025-Intersociety hackathon