Hardik CHADHA
Student

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Dob : 11th June 2005

I am from Jalandhar, Punjab. Currently, a student of B.Tech and MS in Computer Science at the International Institute of Information Technology, Hyderabad (IIITH). In addition to my academic pursuits, I am into sports and have played Table Tennis at the National Level. I am currently working on research in the **Software Engineering Research Center (SERC) Lab**, focusing on **Trustworthy Automated Programming**, which aims to reduce ambiguity in AI-generated code by aligning natural language intent with formal specifications. I am also excited by other fields in science and technology, especially space.

▤ SKILLS

Academics

Programming	C, C++, Python
Web Development	HTML, CSS, JavaScript, React

Extracurricular Activities

Table Tennis	Played at the National Level.

🎓 EDUCATION

2023-Current	B.Tech and MS in Computer Science from International Institute of information Technology, Hyderabad(IIITH)
2023	CBSE XII(PCM) from Innocent Hearts School, Jalandhar, Punjab
2021	CBSE X from Innocent Hearts School, Jalandhar, Punjab

🖵 PROJECTS

DISTRIBUTED NETWORK FILE SYSTEM
 github.com/Hardik1106/Distributed-File-System
Distributed Network File Management System consisting of Naming, Storage and Client Server. Built the Naming Server Part for the Project.

`C` `Visual Studio Code`

Team : Arnav, Kushal, Krishiv

VIDEO MAKER
 github.com/Hardik1106/Video-Maker
Made an application using python flask to convert images to video with background music and transitions.

`Python(Flask)` `PyMySQL` `HTML` `CSS` `JavaScript` `CockroachDB`

Team : Arnav, Sudheera

SHELL
 github.com/Hardik1106/Shell
Made a shell with all functionality of Linux Shell from scratch using C with custom commands.

`C`

GAS ANALYZER
 github.com/Kushal-Mangla/ESW-Project/tree/main
Made a Gas Analyzer Module that detects the gas leaks and communicate the data in the areas without internet connectivity using LoRa for communication.

`Node Js` `Twilio` `LoRa WAN` `PCB Design` `3D Modelling`

Team : Arnav, Kushal, Hiten

🌐 LANGUAGES

Hindi	●●●●●
English	●●●●○
Punjabi	●●●●○