ARHAAN GIRDHAR

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EDUCATION

Manipal Institute of Technology , Manipal   **Aug 2022 - May 2026**

B.Tech in Computer Science and Engineering (AI & ML)

WORK EXPERIENCE

Project Lead | Buildspace   **Jul 2024 - Sept 2024**
- *Buildspace* is an online platform offering developers build real world projects or applications to advance thier skills.
- Led the development of an advanced AI chatbot designed to act as a therapist having online therapy sessions called as TherapAI.

Internship Trainee | Bharat Electronics Limited   **Jun 2024 - Jul 2024**
- BEL is a government defence company specializing in the design, manufacture, and supply of advanced systems for the defence and civilian sectors
- Joined the DCCS division at BEL to work on JavaFX user interfaces and manage virtual machines for ongoing digital communications and cyber security projects.

Frontend Developer | Invisible Mechanics   **Jan 2024 - Mar 2024**
- IM is an online teaching platform designed for JEE aspirants, offering hybrid learning to help students enhance their performance.
- Served as a frontend developer, crafting a user-friendly website for IM with a contemporary UI and responsive design to guarantee an optimal viewing experience on different devices.

PROJECTS

SnakeAI| Manipal Institute of Technology   **Sept 2024 - Oct 2024**
- This project is a modern take on the classic Snake game, developed in Python using pygame and integrated with OpenCV for gesture control. It also allow players to choose between manual , AI, and gesture-controlled gameplay modes , offering an interactive menu, live webcam feed for gesture recognition , a replay feature , and a leaderboard.

TherapAI | Buildspace   **Jun 2024 - Sept 2024**
- This project focuses on developing an AI therapist that provides personalized mental health support through empathetic and intuitive conversations. Utilizing advanced natural language processing, this AI will understand and respond to users' emotional and psychological needs, offering a convenient, accessible, and reliable alternative to traditional therapy.

SKILL SUMMARY

Languages : C , Python , JavaScript , SQL
Libraries : NumPy , Pandas , MatPlotLib , OpenCV , Scikit
Developer Tools : Full Stack , Git , Docker , Google Cloud Services
Frameworks : Tailwind CSS , ReactJS , NodeJS , Flask