ARHAAN GIRDHAR

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EDUCATION

- **Manipal Institute of Technology , Udupi**   **2022 – 2026**
  B.Tech in Computer Science and Engineering (AI & ML)   (Expected)
  <u>Courses</u> : Operating Systems , Data Structures , Algorithms , Object Oriented Programming , Artificial Intelligence , Machine Learning , Computer Vision , Deep Learning , Neural Networks , Database Management

- **Delhi Public School Rajnagar , Ghaziabad**   **2020 – 2022**
  STD X & STD XII

SKILL SUMMARY

Languages : C , C++ , Python , Java , MySQL , PI/SQL

Libraries : NumPy , Pandas , MatPlotLib , OpenCV , Scikit , Pytorch

Developer Tools : HTML-5 , CSS-3 , Javascript , JavaFX , Git , AWS , Docker , Pycharm , Jupyter Notebook

Frameworks : Tailwind CSS , ReactJS , NodeJS , Flask , Bootstrap

WORK EXPERIENCE

- **Project Lead** | Buildspace   **Jun 2024 - Sept 2024**
  Buildspace is an online platform for developers to create real-world projects and enhance their skills. It led to the creation of TherapAI, an advanced AI chatbot designed for online therapy sessions.

- **Internship Trainee** | Bharat Electronics Limited   **Jun 2024 - Jul 2024**
  BEL is a government defense company focused on advanced systems for defense and civilian sectors. In the DCCS division, I work on JavaFX user interfaces and manage virtual machines for digital communications and cybersecurity projects.

- **Frontend Developer** | Invisible Mechanics   **Jan 2024 - Mar 2024**
  IM is an online teaching platform for JEE aspirants, providing hybrid learning to boost student performance. As a frontend developer, I created a user-friendly website with a modern UI and responsive design for optimal viewing across devices.

PROJECTS

- **SnakeAI** | Manipal Institute of Technology   **Sept 2024 - Oct 2024**
  Developed a modern Snake game in Python with Pygame and OpenCV, featuring manual, AI, and gesture-controlled modes. Included live webcam gesture recognition, an interactive menu, replay feature, and dynamic leaderboard, engaging users in over 500 sessions.

- **TherapAI** | Buildspace   **Jun 2024 - Sept 2024**
  Developed an AI therapist using advanced natural language processing , achieving 90% accuracy in sentiment analysis and supporting over 1,000 personalized , empathetic conversations to provide a scalable, accessible alternative to traditional therapy.

ACHIEVEMENTS AND CERTIFICATIONS

- Achieved a ranking of 171 in the MET.
- Successfully completed numerous courses in artificial intelligence and relevant coursework.
- Participant of HPE Think-A-Thon , hackathon.
- Top member of Coding Community 3.0 and IECSE Manipal.
- Portfolio Website - arhaanportfoilio.in | References - References