



ARHAAN GIRDHAR

+91 9650984445 | 17arhaan@gmail.com | [linkedin/arhaan17](https://www.linkedin.com/in/arhaan17) | arhaanportfolio.in

EDUCATION

- Manipal Institute of Technology , Manipal** 2022 – 2026
B.Tech in Computer Science and Engineering (AI & ML)
Relevant Courses : Operating Systems , Data Structures , Algorithms , Object Oriented Programming , Artificial Intelligence , Machine Learning , Computer Vision , Deep Learning , Neural Networks , Database Management , Web Development.
- Delhi Public School Rajnagar , Ghaziabad** 2020 – 2022
STD X & STD XII

SKILL SUMMARY

Languages : C, C++, Python, Java, Javascript, MySQL, PostgreSQL

Libraries : NumPy, Pandas, Matplotlib, OpenCV, Scikit, SciPy, Pytorch, OpenMpi, Pytorch

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

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

WORK EXPERIENCE

- Project Lead** | Buildspace Jun 2024 – Sept 2024
 - Led a 5-member team to develop an advanced AI chatbot for online therapy sessions.
 - Implemented agile workflows, increasing chatbot response accuracy by 40% and reducing response time by 50%.
 - Consistently exceeded sprint efficiency targets by 30%.
- Internship Trainee** | Bharat Electronics Limited Jun 2024 – Jul 2024
 - Developed over five JavaFX interfaces, improving project efficiency by 25% in cybersecurity initiatives.
 - Managed more than 20 virtual machines, ensuring a 99.9% system uptime for critical operations.
 - Reduced manual processing time by 35%, enhancing overall system reliability.
- Frontend Developer** | Invisible Mechanics Jan 2024 – Mar 2024
 - Engineered and deployed a reactive website, boosting user engagement by 45%.
 - Collaborated with backend teams to optimize performance, achieving a 98% on-time delivery rate.
 - Significantly enhanced the overall user experience.

PROJECTS

- J.A.R.V.I.S** | Think-a-thon Jan 2025 – Mar 2025
 - Created J.A.R.V.I.S (Just A Reality Versatile Interactive System), an RL assistant supporting 20+ languages
 - Integrated speech and visual assistance with YOLOv8 object detection
 - Implemented CNN-based face authentication for up to 4 users
 - Enabled 24/7 task automation to enhance productivity
- Sentiment Analysis** | Manipal Institute of Technology Sept 2024 – Oct 2024
 - Designed a real-time news and trend analysis pipeline integrating 3 major data sources (NewsAPI, GDELT, Wikipedia)
 - Processed over 1M articles daily
 - Implemented Kafka-based streaming for real-time insights
 - Optimized execution to maintain a 5-second response time

ACHIEVEMENTS AND CERTIFICATIONS

- Led teams in Hacksplosion, Think-a-thon, CreaTech and HackWithInfy.
- Proud to work under an MIT-based research paper on enhancing movement and simulation for improving accessibility for disabled individuals.
- Successfully completed professional courses by Google, Microsoft, Meta and more | [References](#).