

Arpan Jain

arpanjain595@gmail.com | 7454040400 | [linkedin.com/in/arpanjain](https://www.linkedin.com/in/arpanjain) | github.com/arpanjain | LeetCode
HackerRank | CodeChef

Education

KIET Group of Institution (Affil. to AKTU)	Nov 2022 – Jun 2026
B.Tech in Computer Science; CGPA: 8.7/10.0	
K K Public School	Apr 2021 – May 2022
class XII, Central Board of Secondary Education; 93.4%	
K K Public School	Apr 2020 – Mar 2021
class X, Central Board of Secondary Education; 90.2%	

Experience

Data Analytics , Oasis Infobyte	Aug 2024 – Aug 2024
<ul style="list-style-type: none">Performed EDA on retail sales data, pinpointing customer behavior trends across 5 demographics; findings directly contributed to targeted marketing strategies, resulting in a 20% increase in customer engagement rates.Developed a K-means clustering model for customer segmentation, enabling targeted marketing strategies that resulted in a 15% improvement in customer retention.	

Projects

AgroCARE	Jul 2024 - Present
Developed AgroCare, an IoT-driven smart farming system enabling real-time soil monitoring, automated irrigation, and crop recommendations using machine learning, optimizing resource efficiency and promoting sustainable agricultural practices.	
Team Size: 4	
My Role: Developed and deployed the AgroCare website.	
GitHub: github.com/Agrocare	
Sign to Speech Converter(Hand Speak)	May 2024 - Jun 2024
Developed a system that converts sign language gestures into audible speech for the hearing-impaired using Python, OpenCV, and machine learning. Achieved 95% accuracy in gesture recognition and integrated real-time speech synthesis, improving communication efficiency by 80% and reducing delay by 30%.	
Team Size: 4	
My Role: Developed an interactive frontend for the website.	
GitHub: github.com/Hand-Speak	

Technologies

Languages: C++, C, Java, SQL, MYSQL, JavaScript
Developer Tools: Git, VS Code, IntelliJ, Eclipse, Excel
Frameworks: Pandas, NumPy, Matplotlib
Skills: Data Analysis, Machine Learning, Data Visualization, K-means Clustering, Power BI, Python

Certifications

AWS Academy Graduate - AWS Academy Cloud Architecting	Apr 2024
Learn Pandas - Practice Problems and Challenges Architecting	Aug 2024
Learn NumPy - Practice Problems and Challenges Architecting	Aug 2024
Course - Data Base Management System Architecting	Jul-Sep 2024