

HARSH KASHYAP

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Education

KLE Technological University

B.E in Computer Science & Engineering

2021 - 2025

8.45/10 CGPA

Projects

Bone fracture detection with Xray images

2023-24

- Developed bone fracture detection model using **MobileNetV3 Large** architecture.
- Trained model on labeled X-ray dataset, achieving high accuracy.
- Crafted an intuitive **GUI** for seamless interaction with the bone fracture detection system, prioritizing simplicity and ease of use.

Deep learning for classifying and segmenting 3d point cloud

2023-24

- Utilized **PointNet** for precise 3D point cloud classification and segmentation.
- Trained models rigorously to achieve superior performance in object recognition and environmental analysis.
- Contributed to advancing computer vision capabilities in diverse applications through innovative deep learning approaches.

Airbnb data analysis

2022-23

- Conducted exploratory data analysis (EDA) on Airbnb datasets to uncover trends and patterns in rental listings.
- Utilized Python and libraries like Pandas, Matplotlib, and Seaborn for data analysis and visualization.
- Identified key factors influencing rental prices and occupancy rates through statistical analysis.

Technical Skills

Languages: C, C++, JavaScript, python

Backend: Node.js, Express.js

Frontend: React, TailwindCSS, HTML, CSS, Bootstrap

Clouds & Databases: MongoDB, MySQL

Web Technologies: Docker

Developer Tools: VS Code, GitHub, Remix

Other Technologies: solidity

Honours and Awards

Publication in 9th International Conference for Convergence in Technology(I2CT)

April 2024

Batch of 2024

- Authored a pioneering paper on **bone fracture detection**, published in I2CT
- Demonstrated expertise in medical image analysis and machine learning.

Algorithmic Competitions/Achievements

- Solved **150+** DSA problems from **Leetcode platform**, building problem solving skills.
- Gained **50 Days badge** on Leetcode.
- **Ranked 1** in exploration course of college in automated stationery tool section.
- Participated in Flipkart Hackathon.