

MANAV SHAH

CSE Undergraduate @ IIIT Hyderabad

@ shah.devendrakumar@students.iiit.ac.in

☎ (+91) 8849112774

in [Linkedin](#)

🐙 [Github](#)

PROJECTS

Automated Malnutrition Detection

Machine Learning, CV, MERN stack

📅 February 2023 – May 2023

- Automated height and weight detection of a person to detect malnutrition.
- Weight is detected using the number in the photo and height is detected using the distance of know object in the photo.

Reddit Clone

Self-Learning Project, MERN stack

📅 January 2021 – February 2021

- Reddit Clone was implemented using MERN and functionalities like followers, following, greddit, sub-greddit, etc. were implemented.

Laptop Prediction Model

Machine Learning

📅 May 2018

- Given the features of the laptop the model accurately predicts the price of the laptop.
- Proper UI is implemented using streamlit.

Linux Shell

OS,C programming

📅 August 2022 – November 2022

- Designed an interactive user-defined bash-like shell in C, supporting semicolon-separated list of commands, I/O redirection, Auto-completion, Piping, Process Management and Signal Handling

xv6-64

OS,C programming

📅 August 2022 – November 2022

- Collaborated on making improvements to an existing OS(developed by MIT) in the form of new system calls (signals and tracing), resource management techniques and job scheduling algorithms (MLFQ,PBS,LBS,RR), and performed testing and analysis.

IPL DATABASE

Database, MySql

📅 September 2022 – November 2022

- A well maintained database for storing details of current season of the IPL. Implemented in MySql.

EXPERIENCE

Summer Project

IHub-Data

📍 Hyderabad

- Added new features to [Data Foundation Website](#)
- This Website is about participating,hosting and creating ML challenges.

SKILLS

Proficient : C/C++ Python

Javascript HTML,CSS

Familiar : React JS Node JS Git

Flask MongoDB Scikit-Learn

OpenCV LaTeX Matplotlib

numpy Docker

COURSEWORK

- Data Structures and Algorithms
- Algorithm Analysis and Design
- Operating Systems
- Machine Data and Learning
- Development and Software Analysis
- Object- Oriented Programming
- Linear Algebra
- Probability and Statistics
- Discrete Mathematics
- Intro to Quantum Information
- Database and Analysis

ACHIEVEMENTS

- Rated 1658 on Codeforces (World's biggest CP platform). [Profile](#)
- Rank 83 all over world in [CF Contest](#)
- Deans List 1: Stood among top 5% of a batch of 260 students in all semesters.
- JEE Mains AIR-113.
- JEE Advanced AIR-2559.

EDUCATION

B.Tech with Honours

IIIT HYDERABAD

📅 October 2021 – Present

CGPA:9.1

Class XII

[K.J. Thakkar HighSchool](#)

📅 2021

93%

Class X

[Knowledge HighSchool](#)

📅 June 2013

94%