Manish

📞 +91 89555 94083 @ manish.2@iitj.ac.in

Education

UNDERGRADUATE

IIT Jodhpur
B. Tech, Computer Science and Engineering
📅 May 2025   📍 Jodhpur, Rajasthan
CGPA: 7.81/10 (After 3rd Semester)

Links

🔗 GitHub **Manish**
in Linkedin **Manish**

Skills

PROGRAMMING

Python • C/C++ • HTML/CSS • BootStrap • Talwind Css • Flask • PhP • MySQL • MongoDB • Verilog

MISCELLANEOUS

LaTeX • Arduino • OnShape • Git • Competitive Programming • Vivado • Data Structures and Algorithms • Machine Learning • Matlab • Figma • Photoshop • Pygame

Honors

JEE MAIN AND ADVANCED

JEE Mains AIR: 1007. JEE Advanced AIR: 2242.

CODECHEF CONTESTS RANKS

Starters 72 Division 3
Secured a Global Rank of 83
December Long 2022 Division 3
Secured a Global Rank of 58

Coursework

- Introduction to Computer Science using Python.
- Linear Algebra
- Single and Multi variable Calculus
- Foundation of Quantum Information and Computing
- Data Structures and Algorithms
- Mathematics for Computing
- Probability, Statistics and Stochastic Processes
- Signals and Systems

Experience

CO-FOUNDER

FlyBees
📅   📍 Jodhpur, Rajasthan

- Founder of FlyBees, a one stop travel solution product currently in development. Majorly, it includes a blog page, an AI based itinerary generator and tickets booking.

Projects

SELF CLEANING SOLAR PANELS

Dec 2021 - May 2022

- We have developed a framework that can be adapted to house solar panels and that can also serve as a tool for routine cleaning. This project was worked on jointly by a number of individuals.

DEVELOPMENT OF ACTIVE-NOISE-CONTROL ALGORITHMS

Jan 2023 - Present

- Active noise cancellation techniques for non-linear systems are the focus of my current research. In the field of noise cancellation, I have created the Lms and Fx-Lms algorithms and am currently working on the creation of the Genetic and Particle Swarm Optimization algortihms under the guidance of Amrita Puri Ma'am.

MULTIPLAYER TIC TAC TOE

Jan 2023

- Created a Tic Tac Toe Game with Multiplayer, Pass N Play using pygame (learnt everything in this project from scratch).

COUNTRY DATA - MACHINE LEARNING

Mar 2023(Currently Working)

- A dataset with unlabeled rows will be subjected to unsupervised clustering in this task. Without access to training data or knowledge of the total number of clusters included in the ground truth labels, the goal is to organise related rows into clusters. At last, this model is being used to determine which nations are well-developed, developing, or developing poorly.

BLOOD-BANK DIRECTORY MANAGING WEBSITE

Mar 2023(Currently Working)

- I'm currently developing a website for this project that will tell users where and what kinds of blood are available at local blood banks and donation centres, as well as why donating blood is important and who is eligible to do so.

Positions of Responsibility

- Currently member of Student Well-being Committee
- Volunteer, Aaftaab - Literary Festival, IIT Jodhpur. Sep 2022 - Oct 2022.