

# Abhishek

B. Tech - AI and Data Science  
IIITDM Kurnool

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abhishekvimukt  
ABHISHEK

## Education:

Indian Institute of Information Technology, Design and Manufacturing, Kurnool  
*BTech, Artificial Intelligence and Data Science*

2022-26  
CGPA: 6.80

### Chandra Public School

*Class XII, CBSE*

Percentage: 85

## Experience:

### PRODIGY INFOTECH

*(ML Intern)*

Worked on developing and implementing machine learning models for data analysis of tasks

Implemented SVM algorithms for improving model accuracy

Aug 2024

Remote

### SKILLCRAFT TECHNOLOGY

*(ML Intern)*

Learning the image classifications using CNN

Worked on gesture recognition with Open CV

Oct 2024

Remote

## Projects:

- **HEIGHT MEASURING DEVICE** A device to measure object length/height using lasers and mathematical concepts
  - Integrated lasers as reference and used mathematical concepts for image comparison.
  - Model resulted in an accurate height measuring device with 4 percent error. **GITHUB**
- **SONG RECOMMENDER AND RECOGNIZER** Developed a song recognition system using machine learning and audio processing techniques
  - Implemented a song suggestion algorithm to recommend similar songs based on user input or audio features.
  - Song Recognition extracts audio features and matches them to a pre-built database of songs for identification. **GITHUB**
- **E-COMMERCE PLATFORM "SHOPNEX"**: A comprehensive online shopping platform developed with modern web technologies for seamless buying and selling experience.
  - Developed a comprehensive admin site for managing products, users, orders, and inventory with role-based access controls and a user-friendly interface.
  - Implemented secure token-based authentication for user login and session management to ensure data protection and API access control. Designed and optimized database schemas using DataGrip, streamlining query execution and ensuring efficient data storage and retrieval.

## Technical Skills:

**Languages:** C, C++, SQL, Python, R, HTML, CSS, Javascript

**Frameworks/Tools:** TensorFlow, Keras, Scikit-learn, Pandas, NumPy, Django

**Tools:** Jupyter, Power BI, SQL, Scikit-learn, Datagrip

## Coding Profile:

**LeetCode:** abhishek\_vimukt

Solved 200+ problems in Data Structures and Algorithms overall.