

# ARYA KONDAWAR

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## Education

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**International Institute of Information Technology - Bangalore (IIIT-B)** Nov. 2020 – July 2025  
*Integrated M.Tech. (B.Tech. + M.Tech.) in Computer Science & Engineering* CGPA - 3.61 / 4.0

## Relevant Coursework

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- Data Structures and Algorithms
- Design and Analysis of Algorithms
- Programming 1 and 2(C,C++,Python,Java)
- Database Systems
- Operating Systems
- Machine Learning
- Introduction to Automata Theory and Computability
- Computer Architecture
- Recommendation Systems
- Visual Recognition
- Few Shot Learning
- Basic Computational Topology

## PROJECTS

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### Cuphead Clone | SDL Graphics Library, C++, Makefile

- This is a clone of a game called Cuphead
- It is a platformer game with a smooth animation

### Mp3-Player | Tkinter, MYSQL, PYGAME, MUTAGEN

- Made a Basic MP3 player using PyGame, Tkinter, Mutagen,SQL in python language.

### Sportify | HTML, CSS, Reactjs

- A website developed for sports fest in the college
- Deployed in college

### Parking Assignment Simukator | ReactJS, TailwindCSS

- A website developed for simulation of parking assignment in any complex
- Generates the tariff of parking based on per hour basis rate

### It's a Fraud |

- A ML model to detect frauds in online transactions
- Models Built: XGB Classifier, Neural networks and other networks.

### Course Recommendation System |

- Built a Recommendation system which recommends students which courses to elect in a semester based on their interests
- Models built :
  - \* K-Means Clustering
  - \* Singular Value Decomposition
  - \* Collaborative Filtering

### Image Classification |

- Built a CNN model for image classification on CIFAR-10 dataset
- Implemented a Car tracker which detects and maintains count of cars in a video
- Used YoloV5 for detecting cars and sort, deep sort algorithms for tracking them

## Teaching Assistant

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- Teaching Assistant for the course ESS-103 Signals and Systems.
- Teaching Assistant for the course Basic Computational Topology.

## TECHNICAL SKILLS

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**Skills:** Programming and Debugging, Web Development, Game Development

**Languages:** C++, C, Python, Javascript, Java, HTML, CSS, Makefile

**Database:** MySQL

**Developer Tools:** VS Code, PyCharm, Android Studio

**Technologies/Frameworks:** ReactJS, Django, SDL Graphics Library, NodeJS, Bootstrap CSS, Git

## Volunteering & Co-curricular

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- Member Of Google Developer Student Clubs-IIIT Bangalore.
- Campus Ambassador for IIT Mandi's techfest XPECTO