



## Yashraj Sanjay Kadam

Roll No.: 22BDS066

Data Science and Artificial Intelligence

Bachelor of Technology (B.Tech)

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🐙 GitHub

🌐 LinkedIn

### TECHNICAL SKILLS AND INTERESTS

**Languages:** C, C++, Java, Python, Dart

**Developer Tools:** Git and Github, Android Studio, PyCharm, IntelliJ IDEA, Eclipse, Visual Studio Code

**Frameworks:** Flutter

**Cloud/Databases:** Google Cloud Platform (GCP), Firebase

**Areas of Interest:** App Development and Machine Learning

### EXPERIENCE

#### • App Development and ML Intern

Aug'23 - Present

*funded by Indian Knowledge Systems(Division of MoE, AICTE)*

Remote

– Building a Mobile application on a ML research project based on Ancient Text Analytics under Professor.

### PERSONAL PROJECTS

#### • iRescue

Oct'23 - Nov'23

*Emergency Response Mobile Application*

– Tools & technologies used: Flutter, Android Studio, Dart

– This is a cross-platform mobile application designed to provide assistance in emergencies. The app incorporates specialized features for different user groups such as firefighters, ambulance personnel, police officers, and general users. It leverages the power of Flutter, Firebase, and Google Maps API to deliver accurate and real-time information to both users and responders including Live video stream and Chatbot Assistance.

– **Project link**

#### • Analysis on Multi-Layer Transportation and Verified Facebook Page Network Datasets

June'23 - July'23

*Analyzed datasets(Stanford Large Network Dataset SNAP) using Graphs Data Structure and Algorithms*

– Tools & technologies used: Java, VS code, Latex, Python, Jupyter Notebook

– This research paper published compares 4 graph algorithms, Kruskal and Prim's for MST, Dijkstra's and Bellman-Ford for shortest path, on two multi-graph datasets. It finds various measures such as averages, minimum/maximum, medians values, while applying the PageRank algorithm for page ranking based on mutual likes, community detection is performed using the Louvain algorithm, and the concept of closeness centrality is in formulating comprehensive results.

– **Report link**

#### • Mess Register App

June'23 - July'23

*Mess Register Management Mobile Application for IIIT Dharwad Hostel*

– Tools & technologies used: Flutter, Android Studio, Dart

– Developing and Designing an app aimed at streamlining mess register management in college environments utilizing Flutter and Dart for development, incorporating features such as user authentication using QR code on ID card, item and quantity selection and appending data into google sheets by integrating google sheet API.

– **Project link**

### EDUCATION

#### • Indian Institute of Information Technology, Dharwad

2026

*B Tech., Data Science and AI*

CGPA: 8.17

#### • Rasiklal M. Dhariwal English Medium School and Jr. College, Pune

2022

*HSC, Maharashtra*

Percentage: 82.00

### POSITIONS OF RESPONSIBILITY

#### • AI/ML Core Team Member, Google Developer Student Club(GDSC IIIT Dharwad)

Aug'23 - Present

#### • Technical Team Member, IRIS Club(Robotics club IIIT DWD)

Apr'23 - Aug'23

#### • Photographer, IRIDESCENCE(Photography and Videography Club of IIIT DWD)

Jan'23 - Apr'23

### ACHIEVEMENTS

#### • All India Rank 28924 in JEE Advanced out of 150k candidates in India

2022

#### • All India Rank 49979 in JEE Mains out of 1.5M candidates in India

2022

#### • Successfully received a call for the SSB interview from both the Indian Army and Navy

2022