

YARAKARAJU ADITYA

+91 6302774956

<https://www.linkedin.com/in/yarakaraju-aditya-310a20306/> yraditya895@gmail.com

PROFILE

Passionate and driven Computer Science student with a strong foundation in data science and machine learning, skilled in Python, data preprocessing, model building, and evaluation. Experienced in working with real-world datasets to uncover insights through statistical analysis, predictive modeling, and visualization using tools like Pandas, Scikit-learn, and Tableau.

ACTIVITIES AND INTERESTS

- Reading
- Gaming
- Analyzing datasets
- Badminton
- Travel
- Programming

KEY SKILLS

- Machine Learning
- Scikit-learn
- python
- Tableau
- Pandas and seaborn
- TensorFlow
- Artificial Neural Networks
- Statistics
- Hadoop and Big Data basics
- Apache Spark
- SQL

PROJECTS

Student Performance prediction system

Machine learning, scikit-learn, python

Built an end-to-end machine learning project to predict student performance based on various factors. The project included Mlops techniques, pipelines and modular coding techniques.

Career Guidance Chatbot

PHP, python, machine learning

Build an interactive website to guide students to choose their right career path in various computer science domains.

Leverages machine learning to predict the three most relevant roles for a candidate based on his interest in various subjects. The website also includes an alumni connect feature to easily contact college alumni related to their particular subject.

ACHIEVEMENTS

Excavate 2025 Finalist (IIT Kharagpur)

Stood among the top 10 finalists in the excavate composite 2025 hackathon held at IIT Kharagpur. Had a chance to present my machine Learning model to classify perovskite compounds on IIT campus.

EDUCATION

Pursuing Bachelor of Technology in Artificial Intelligence and Machine Learning

Jawaharlal Nehru Technological University, Hyderabad
June 2027