

# NIKITA LAKKOJU

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<https://github.com/NikitaLakkoju>

## Education

**Bachelor of Technology (Artificial Intelligence)**, Mahindra University Aug 2022 – Present  
*Relevant course work: Machine Learning, Data Structures, NLP, DBMS, Digital Image Processing, Deep Neural Networks.*  
CGPA: 7.12/10 (till 5<sup>th</sup> semester)  
**Intermediate**, Vinjee Junior College, Hyderabad June 2020 – May 2022  
Percentage: 9.42%  
**10<sup>th</sup> Grade**, Pragathi Central School (CBSE), Hyderabad May 2019 – June 2020  
Percentage: 7.74 %

## Projects

**Weather Forecasting Application** Sept – Dec - 2024  
Mahindra University  
*Developed a weather forecasting application using Object-Oriented Programming principles for modularity and scalability. Designed and implemented a user-friendly Graphical User Interface to enhance accessibility and user experience.*

**Bird Species Recognition** Sept – Dec – 2024  
Mahindra University  
*Designed a Digital Image Processing model to accurately recognize bird species from images. Leveraging a curated dataset, the model analyzes key visual features and identifies the bird species upon image input, Showcasing strong skills in image classification and model training.*

**Food Allergy Detection** Sept – Dec – 2024  
Mahindra University  
*Built an NLP model to identify food ingredients which may cause allergies. The model takes ingredients as input, detects potential allergens, and suggests alternative ingredients which are similar in function. This project focuses on enhancing food safety by automating the process of ingredient replacement.*

**Machine Learning** Jan – Apr - 2024  
**Understanding Social Networks, Group project on Leveraging Local Node Features for Structural Profiling.**  
Mahindra University  
*Explored social network structures by analyzing local node features to identify patterns in connectivity and influence. My role included **data preprocessing**, **feature engineering**, and applying structural profiling techniques to evaluate network relationships.*

## Skills

**Computational tools/skills:** Python, Java, Sql  
**Design Software:** Visual Studio Code, Canva, Git

## Awards and Achievements

**HULT PRIZE** - Mahindra University 2022: First Runner Up team on Sustainable Fashion

## Interests/Extra-curricular activities

**Interests:** Photography, Video Editing