

## Education

### Bachelor's of Technology

Artificial Intelligence and Data Science

CGPA: 8.85

Vishwakarma Institute of Technology

2021 – 2025

### Indian Certificate of Secondary Education

(I.C.S.E)

Percentage: 90.2%

The Bishop's School, Pune

2019

## Technical skills

<b>Programming Languages</b>	Python, C/C++ ,SQL, HTML, CSS, Java
<b>Libraries</b>	TensorFlow, PyTorch, Scikit-learn, Keras, NumPy, Pandas, Matplotlib, Seaborn, SciPy, NLTK, OpenCV
<b>Technologies</b>	Machine Learning, Deep Learning, Natural Language Processing (NLP), Neural Networks, Data analysis, Computer Vision

## Projects

### ML4Cure - Machine Learning for Healthcare

[/moky1477/ML4Cure](#)

- Worked on developing an AI-based disease prediction system
- Uses Machine Learning algorithms involving **Regression** and **Classification** to accurately classify diseases.
- Achieved **high accuracy through model evaluation (95%)**.
- Created a user-friendly web app using Django, enabling users to input data and receive disease predictions.
- Published Research Paper in **IEEE Xplore** (Asia-Pacific Region)

### TrashIntelAI - A solution to easier waste segregation

[/moky1477/TrashIntelAI](#)

- A Deep Learning model using **CNN** implemented to accurately classify waste (**dry vs. wet**) to aid proper garbage disposal.
- Achieved an **accuracy of 88%** by using **Transfer Learning Algorithms (MobileNet)**.
- Users earn points through a reward system for collecting garbage, redeemable for incentives.
- **Location-based garbage collection** allows users to request pickup by sharing their location with admin/garbage collector.
- User-friendly interface with a simple and intuitive design for easy navigation and usage

### Dog Breed Identifier using Transfer Learning

[/moky1477/Dog-Breed-Identification](#)

- Utilized advanced **image recognition** techniques for accurate dog breed identification.
- Achieved an impressive **accuracy rate of 99.8%** through **deep learning** algorithms and **CNN**.
- Incorporated a comprehensive database covering a wide range of dog breeds, including popular and rare ones.
- Enabled real-time processing, delivering breed classification results within seconds for user convenience.

## Achievements

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**5th Place at KDAG Data Science Hackathon**  
**One of the top teams in IPL Data Science Contest**

IIT Kharagpur  
IIT Madras

2023  
2023

## Soft skills

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**Communication, Teamwork, Leadership, Critical Thinking**

## Extracurricular Experience

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### Artificial Intelligence and Machine Learning Lead

*Microsoft Learn Student's Club - VIT Pune*

2023  
VIT, Pune

- Experienced with working on projects while leading a team of 7 coordinators
- Conducted educational sessions on AI/ ML

### Director of Content and Curation

*VishwaConclave*

2023  
VIT, Pune

- Leading a team of 8 Heads
- Shaping and overseeing our organization's content strategy
- Fostering audience engagement and collaboration between teams.
- Drive impactful content distribution and maximize the reach.

## Profile Links

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- [Codechef](#)
- [Codeforces](#)
- [Leetcode](#)