

Education

Bachelor's of Technology Artificial Intelligence and Data Science

Vishwakarma Institute of Technology
2021 – Present

With major in Data Science, Machine Learning, Deep Learning, Neural Networks, NLP, Computer Vision

Current CGPA: 8.85

Projects

ML4Cure - Machine Learning for Healthcare

2022

 [/moky1477/ML4Cure](#)

- Developed an AI-based disease prediction system using ML techniques.
- Collected data from medical records, interviews, and questionnaires.
- Identified key factors using ML algorithms and pre-processed data.
- 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

2023

 [/moky1477/TrashIntelAI](#)

- ML model implemented for waste classification (**dry vs. wet**) to aid proper garbage disposal.
- Achieved an **accuracy of 88%** by using **Transfer Learning Algorithms**.
- 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

2023

 [/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.

Technical skills

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

Soft skills

Communication
Teamwork
Leadership
Critical thinking

Achievements

5th Place at KDAG Data Science Hackathon	IIT Kharagpur	2023
One of the top teams in IPL Data Science Contest	IIT Madras	2023

Extracurricular Experience

Artificial Intelligence and Machine Learning Lead	2023
<i>Microsoft Learn Student's Club - VIT Pune</i>	<i>VIT, Pune</i>

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

Director of Content and Curation	2023
<i>VishwaConclave</i>	<i>VIT, Pune</i>

- Leading a team of 5-6 Heads
- Shaping and overseeing our organization's content strategy
- Fostering audience engagement and collaboration between teams.
- Drive impactful content distribution and maximize the reach.

Head of Content	2022
<i>VishwaConclave</i>	<i>VIT, Pune</i>

- Creative Content Writing for captions which go on all social media platforms
- Script Writing for conclaves and Content Creation for Social Media Posts