

# MOKSHIT OSWAL

Pune, Maharashtra

+91 9423450123   [oswalmokshit09@gmail.com](mailto:oswalmokshit09@gmail.com)   [Mokshit-Oswal](#)

## Education

### Vishwakarma Institute of Technology

2021 – 2025

Bachelor of Technology in Artificial Intelligence and Data Science (Current CGPA: 8.85)

Pune, India

### The Bishop's School, Pune

2019

Indian Certificate of Secondary Education(I.C.S.E) (Percentage: 90.2%)

Pune, India

## Projects

### ML4Cure - Machine Learning for Healthcare | [GitHub Link](#)

4

- Worked on developing an AI-based disease prediction system that uses Machine Learning algorithms involving **Regression** and **Classification** to accurately classify diseases.
- Achieved **highest accuracy by using Logistic Regression (95%)**
- Published Research Paper in **IEEE Xplore** (Asia-Pacific Region)

### TrashIntelAI - A solution to easier waste segregation | [GitHub Link](#)

4

- Designed a Deep Learning model using **CNN** architecture to accurately classify waste (**dry vs. wet**), enhancing proper waste disposal.
- Achieved **89%** accuracy through adept application of **Transfer Learning** techniques.
- Implemented **APIs** for Location-based garbage collection, enabling users to request pickup by sharing their location with admin/garbage collector.

### Dog Breed Identifier using Transfer Learning | [GitHub Link](#)

4

- Utilized advanced **image recognition** techniques for accurate dog breed identification.
- Achieved an **accuracy rate of 99.8%** through **deep learning** algorithms and **CNN**.
- Enabled real-time processing, delivering breed classification results within seconds for user convenience.

## Technical Skills

**Languages:** Python, C/C++, SQL, Java

**Libraries:** TensorFlow, PyTorch, Scikit-learn, Keras, NumPy, Pandas, Matplotlib, Seaborn, SciPy, NLTK, OpenCV

**Technologies:** Machine Learning, Neural Networks, Advanced Deep Learning

## Achievements

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

IIT Kharagpur, 2023

IIT Madras, 2023

## Profile Links

- Leetcode
- Codechef
- Codeforces

## Extracurricular Experience

### Artificial Intelligence and Machine Learning Lead

Microsoft Learn Student's Club - VIT Pune

2023

- 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

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