

MOKSHIT OSWAL

Pune, Maharashtra

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Education

Vishwakarma Institute of Technology

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

2021 – 2025

Pune, India

The Bishop's School, Pune

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

2019

Pune, India

Projects

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

2022

- 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](#)

2022

- 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.

AudioVision+ - Transforming Images into Expressive Audio and Text Captions | [GitHub Link](#)

2023

- Utilized advanced **Image Captioning** techniques for AI-Powered Text Caption Generation
- Used **HuggingFace Transformer based APIs** to generate meaningful sentences.
- Achieved an **accuracy rate of 97%** through a **deep learning** architecture involving **CNN** and **LSTM**.
- Utilised Text-To-Speech and Speech-To-Text APIs to convert the caption into expressive Audio.

Technical Skills

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

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

Technologies: Data Visualisation, Machine Learning, Neural Networks, Advanced Deep Learning

Achievements

- Winner of Internal Smart India Hackathon,
- 5th Place at KDAG Data Science Hackathon
- One of the top teams in IPL Data Science Contest

VIT Pune, 2023

IIT Kharagpur, 2023

IIT Madras, 2023

Profile Links

- Leetcode
- Codechef

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