MOKSHIT OSWAL

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Professional Summary

B.Tech in AI and DS, VIT Pune | AI/ ML Lead, MLSC VIT PUNE | Head of Content, VishwaConclave

Data Science, Machine Learning, Deep Learning enthusiast. Perusing Bachelors of Technology in Artificial Intelligence and Data Science from Vishwakarma Institute of Technology, Pune. Able to effectively self-manage during independent projects, as well as collaborate in a team setting.

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

Programming Languages:
Python(Advanced), C/C++(Advanced), Java(Intermediate), SQL(Intermediate), R(Beginner)

Softwares:
Google Colab, Jupyter Notebook, Anaconda, RStudio, Git, Github,

Technologies:
Machine Learning, Deep Learning, Natural Language Processing (NLP), Neural Networks, Data analysis

Education

The Bishop's School — **Aggregate Percentage: 90.2%**

2019

Vishwakarma Institute of Technology, Pune — B.Tech in Artificial Intelligence and Data Science

2021 - 2025 — **CGPA: 9.02**

Projects

- **ML4Cure - Machine Learning in Healthcare** GitHub
  - 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.
- **TrashIntelAI - A solution to easier waste segregation** GitHub
  - 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** GitHub
  - 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.