ONKAR SARAMBALE

AI-ML ENGINEER

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SUMMARY

Enthusiastic learner and aspiring AI/ML professional and CSE student passionate in field of AI, ML, Data Science, AI/ML tools. have a strong command of Python, AI, ML models, SQL, Computer Vision, Data Analytics, Data Management, and Data Operations, deploy ML models on web pages. Looking for the opportunity to work on real-world problems and handle solution in advanced way.

TECHNICAL SKILLS

Artificial Intelligence	Data Engineering	Generative AI
Data Science	SQL Query	Prompt Engineering
Data Analytics	Model Evaluation	Computer Vision

PROJECTS

Mood_based_song_recomendation | LINK
- Model suggest songs based on mood of user by using parameters of song like valence, tempo.
- Used Kmeans clustering for mood categorization and Flask API for real time prediction.
- Tech: Python, Pandas, scikit-learn, Flask

Platform for redistribution of surplus food and waste reduction
- A redistribution platform to automet food recognition and donation tracking using computer vision and real time image processing.
- Built ML model which achieved 92% accuracy with PyTorch and RasNet50 based model which recognise the food in image.
- ML models integrated in platform to facilitate real time collaboration between NGO's and doners.

INTERNSHIP

Data Analytics using AI-LLM's | LINK   Oct 2024 - Nov 2024
- Leveraged AI-LLMs to perform in-depth data analysis on various datasets.
- Implemented AI solutions to automate and enhance data-related tasks.

Building Modern Web Applications with Mern Stack   Feb 2025 - Mar 2025
- Gained practical experience with MongoDB, Express, React, and Node.js to build modern web app

EDUCATION

Bachelor of Engineering – Computer Engineering   Nov 2022 - May 2026

CERTIFICATIONS

Supervised Machine Learning: Regression and Classification | Link   **Jul 2025**
Intro to Machine Learning | Link   **Jul 2025**
Introduction to Generative AI | Link   **Sep 2024**

ADDITIONAL INFORMATION

- **Languages:** English, Hindi, Marathi.
- **Awards/Activities:** Techathon 2.0 by Innovation Foundation Pune(2025)