

Karan Desai

Data Scientist Machine Learning Engineer

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📍 Jaysingpur, Maharashtra

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EDUCATION

Bachelor of Technology

Sharad Institute of Technology

📅 2021 - 2024

📍 Yadav, Ichalkarnji

🎓 7.5

HSC

Computer Science

A.N.N Junior College

📅 2018- 2020

📍 Jaysingpur

🎓 67%

SKILLS

- Python
- C++
- OpenCV
- TensorFlow
- Scikit-learn
- Streamlit
- Flask
- Linux
- MySQL

CERTIFICATIONS

- AWS Academy- Machine Learning Foundation
- Deep learning using AI-Jetson Nano
- AWS Academy - Cloud Foundation

WORK EXPERIENCE

Computer Vision Intern

RacksonIT

📅 Oct 2023 - Pune, Maharashtra

- During my internship, I specialized in computer vision with a focus on CNNs. I developed and optimized CNN models for tasks like image classification and object detection using
- Python, TensorFlow, and OpenCV. I collaborated with teams, effectively communicating insights and achieving notable results through rigorous evaluation.

Data science Intern

Oasis Infobyte

📅 Jun 2023 - Jul 2023 Delhi, India(Virtual)

- Conducted in-depth analysis of unemployment data using Jupyter notebook demonstrating data analysis.
- Implemented a Car Price prediction model using Jupyter Notebook demonstrating proficiency in machine learning and predictive analytics.

PROJECTS

• Chili-Disease-Prognosticator-Pesticide-Prediction-App:

I led CNN architecture creation for precise chili disease prediction and pesticide recommendations, seamlessly deployed on Streamlit. Augmenting datasets for better generalization ensured robust model performance. Collaborating on evaluations, I optimized our system to detect diseases and recommend pesticide interventions, leveraging Keras, TensorFlow, and deep learning.

• Multi-class Object detection:

I developed CNN architectures for accurate localization and classification, augmented datasets for improved generalization, and collaborated on comprehensive evaluations to optimize model performance in multi-class object detection and bounding box regression using Keras, TensorFlow, and deep learning.

• Speech Recognition Using python:

Developed a speech recognition project using Python and the SpeechRecognition Library, showcasing proficiency in python programming.

LANGUAGE

- English
- Hindi
- Marathi

DECLARATION

I hereby declare that all the information given above is true and correct to the best of my knowledge