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Manan Kotiya  
Studying Computer Engineering at LDRP Institute of Technology & Research, Gujarat Technological University

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Image Tagging using CNN – ShadowFox Internship

Jun 2025 – Jul 2025

Developed a CNN-based image classification model as part of an AI/ML internship at ShadowFox. The project aimed to classify images into 10 real-world categories using the CIFAR-10 dataset. Built the model using TensorFlow and Keras in Google Colab and implemented a complete pipeline including training, evaluation, prediction, and user input via file uploads.

Dataset: CIFAR-10 (airplane, car, bird, cat, deer, dog, frog, horse, ship, truck)

Tools Used: Python, TensorFlow, Keras, Google Colab, Matplotlib, PIL

Model Architecture: Conv2D → MaxPooling → Flatten → Dense

Achieved 70% test accuracy

Final report, presentation, and code available on request or via link.

Skills applied: Machine Learning, CNNs, TensorFlow, Data Preprocessing, Colab Notebooks, Report Writing

Skills: Python (Programming Language) · TensorFlow · Keras · Google colabe · Matplotlib

img\_tagging\_aim\_model.pptx

GitHub - Mnn-fun/Shadow-Fox

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I'm happy to share this Image Tagging using CNN – ShadowFox Internship project I worked on. Check it out here: <https://lnkd.in/gSH3pCix>

an-fun/Shadow-X

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Launched a Project

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Excited to share that I've been selected for a 1-month virtual internship at ShadowFox as an AI/ML Intern, starting June 1st, 2025! I'm thrilled t...more

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