

# Aarav Kapoor

Fresher AI/ML Engineer

aarav.kapoor@email.com — +91-9XXXXXXXXX — LinkedIn / GitHub

## Professional Summary

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Fresher AI/ML Engineer with strong foundations in Python, machine learning, deep learning, and data preprocessing. Completed multiple projects in NLP and computer vision demonstrating practical model deployment and performance evaluation.

## Technical Skills

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- Python (Pandas, NumPy, scikit-learn)
- Machine Learning Algorithms
- Deep Learning (TensorFlow, PyTorch)
- NLP (Text Classification, Sentiment Analysis)
- Computer Vision (CNNs, OpenCV)
- SQL, Data Cleaning
- Data Visualization (Matplotlib, Seaborn)

## Projects

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### Sentiment Analysis on Tweets

- Collected 50K tweets via Twitter API, cleaned data
- Built Logistic Regression and Random Forest models achieving **82% accuracy**
- Visualized sentiment trends using Matplotlib

### CIFAR-10 Image Classification

- Built CNN model using TensorFlow
- Achieved **75% test accuracy** with data augmentation

## Education

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Bachelor of Technology — Computer Science Engineering  
VIT University, Vellore, India

2025

## Certifications

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- Deep Learning Specialization — Coursera
- Machine Learning — Andrew Ng, Coursera
- Python for Data Science — Udemy