

PRAVEEN KUMAR

Machine Learning Engineer

Profile Summary

Machine Learning Engineer with strong expertise in Python, Natural Language Processing (NLP), data preprocessing, and machine learning model development. Experienced in building end-to-end ML pipelines, feature engineering, and deploying intelligent systems for real-world applications.

Technical Skills

Programming: Python

Machine Learning: Linear Regression, Logistic Regression, SVM, Decision Trees, Random Forest

Deep Learning: CNN, RNN, LSTM

NLP: Tokenization, Lemmatization, TF-IDF, Word Embeddings, Text Classification

Libraries: NumPy, Pandas, Scikit-learn, TensorFlow, Keras, NLTK, SpaCy

Tools: VS Code, Git, Jupyter Notebook

Projects

AI-Based Resume Screening System

- Built an NLP-based resume screening system using TF-IDF and machine learning classifiers.
- Implemented text preprocessing, feature extraction, and model evaluation.
- Improved candidate shortlisting efficiency using automated scoring.

Respiratory Disease Detection Using ML

- Developed ML models for respiratory disease analysis using medical data.
- Performed data preprocessing, feature engineering, and model optimization.

Education

B.Tech in Artificial Intelligence & Machine Learning

Final Year Student

Strengths

- Strong problem-solving skills
- Good understanding of ML and NLP concepts
- Quick learner and team player