

# 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