Dhanush Kumar

AI / Machine Learning Engineer

Summary

AI/ML enthusiast with hands-on experience in building machine learning models, resume parsing systems, and similarity-based matching engines. Skilled in Python, data analysis, and applied machine learning.

Technical Skills

Python, Machine Learning, Deep Learning, NLP, scikit-learn, TensorFlow, PyTorch, Pandas, NumPy, TF-IDF, Cosine Similarity, Git, SQL

Projects

AI Resume–Job Matching System
• Built an end-to-end AI system that parses PDF resumes and job descriptions.
• Used TF-IDF vectorization and cosine similarity to compute match scores.
• Implemented skill gap analysis to identify missing job skills.

Machine Learning Model for Classification
• Trained and evaluated ML models using scikit-learn.
• Performed feature engineering and data preprocessing.
• Achieved high accuracy using optimized hyperparameters.

Education

Bachelor's Degree in Engineering
Relevant Coursework: Machine Learning, Data Structures, Artificial Intelligence