NAVDEEP

Data Scientist

Email: navdeep.ds@gmail.com | Location: India | GitHub: github.com/navdeep-ds

PROFESSIONAL SUMMARY

Data Scientist with hands-on experience in Python, Machine Learning, and Natural Language Processing. Skilled in building AI-driven resume screening systems using TF-IDF, cosine similarity, and classification models. Strong background in data analysis, feature engineering, and model evaluation.

TECHNICAL SKILLS

Programming: Python
Libraries: Pandas, NumPy, Scikit-learn, spaCy
Machine Learning: Classification, Model Training, Model Evaluation
NLP: TF-IDF, Tokenization, Lemmatization, Resume Parsing
Techniques: Cosine Similarity, Text Mining, Feature Engineering
Web & Tools: Flask, Plotly, GitHub
Data: Data Analysis, Statistics, SQL

PROJECT EXPERIENCE

AI-Based Resume Screening System
• Developed an automated resume screening system using Machine Learning
• Implemented TF-IDF vectorization and cosine similarity for resume-job matching
• Built NLP pipelines using spaCy for text preprocessing and lemmatization
• Designed classification models to evaluate resume quality and job relevance
• Performed skill gap analysis and hiring risk prediction
• Integrated Flask backend for resume upload and analysis
• Generated explainable AI insights for ATS decision transparency
Technologies: Python, Pandas, NumPy, Scikit-learn, NLP, TF-IDF, Flask

EDUCATION

Bachelor of Technology in Computer Science
XYZ University | 2021 – 2025

CERTIFICATIONS

• Machine Learning with Python
• Data Science Fundamentals
• NLP Basics using Python

ADDITIONAL INFORMATION

• Experience with ATS systems and resume parsing
• Strong understanding of AI explainability and confidence scoring

• Familiar with data visualization and reporting