

SkillMatch AI

Automated Recruitment System

Intelligent Resume Screening & Skill Recommendation

SkillMatch AI introduces an automated approach that extracts, analyses, and evaluates resume data in a structured way using Natural Language Processing.

- Supports two roles – **Administrator (Recruiter)** & **Applicant (Job Seeker)**.
- Recruiter posts jobs with required skills, qualifications, and job details.
- Applicant creates an account, browses jobs and uploads resumes (PDF / DOCX).
- System parses resume (name, contact, education, experience, skills) using NLP tools like **Pyresparser**.
- Generates a **Resume Score** and a **Skill Recommendation** list to improve employability.

[I'm an Applicant](#)[I'm a Recruiter](#)[Browse Jobs →](#)

NLP Powered

Resume Parsing • TF-IDF •
Cosine Similarity

Tech Stack

Django • MySQL •
Pyresparser • Matplotlib

Outcome

Faster, unbiased &
accurate candidate

Applicant Dashboard

Upload your resume, get a Resume Score for each job, and see the **skills you are missing** for your target role.

- Upload resume (PDF / DOCX)
- Automatic extraction of skills & experience
- Resume Score vs each job
- Skill Recommendation Module

[Open Applicant Flow](#)

Recruiter Console

Post new openings, define required skills, view ranked applicants and analyze hiring performance with interactive visualizations.

- Post jobs with required skills & qualifications
- View automatically ranked resumes
- Analytics with Matplotlib charts

[Open Admin Panel](#)