

AI-Powered Resume Screening System

Dashboard & Analytics Overview

1. Recruiter Workflow (End-to-End)

1. Login & Post Job (Define Skills)
2. Bulk Upload Resumes (PDF/DOCX)
3. Trigger 'Run AI Screening'
4. Review Ranked Table (Sorted by Relevance)
5. Shortlist Top Candidates

2. Dashboard Visualization Logic

Score Representation:

```
[===== 85% =====] (Green - Recommended)
[===== 50% =====.....] (Yellow - Review)
[== 20% .....] (Red - Not Relevant)
```

3. Key Analytics Metrics

Match Score: Cosine similarity (0-1) between Resume and Job Description.

Skill Match %: (Matched Skills / Required Skills) * 100.

Pipeline Health: Average score of candidates per job.

4. Data Flow Architecture

```
Backend (MongoDB/Django)
  |
  v (JSON via REST API)
Frontend (Dashboard.js)
  |
  v (DOM Manipulation)
HTML Table with Progress Bars
```