

# AI Resume Reviewer

**Tech Stack:** React, Spring Boot, PostgreSQL, OpenAI API

## Background

Recruiters often need to evaluate hundreds of resumes for a job role. Automating the initial screening helps save time and ensures consistency.

## Objective

Build a web application where users upload a resume (PDF/text) and a job description. The system uses an LLM to:

- Score the resume against the job description.
- Suggest improvements in skills, phrasing, or missing keywords.

## Tasks

1. Create a React UI for resume and JD upload.
2. Backend stores submissions in a PostgreSQL database.
3. Use the LLM API to analyze and generate:
  - A matching percentage score (0–100).
  - Three specific improvement suggestions.
4. Display results in a clean dashboard.

## Expected Output

A dashboard showing:

- Resume vs JD match score
- Improvement suggestions
- Downloadable analysis report

## Evaluation Criteria

- Correct integration of LLM API
- Clear, structured prompt construction
- UI/UX quality
- Data handling and persistence
- Accuracy and safety of LLM output