

## Model Development Phase Template

Date	Nov 2024
Team ID	Team-739663
Project Title	AI-Enabled Candidate Resume Screening using NLP
Maximum Marks	5 Marks

## Feature Selection Report Template

In the forthcoming update, each feature extracted from candidate resumes (e.g., skills, experience education, certifications) will be accompanied by a brief description. Users (such as HR professionals or the screening system) will indicate whether the feature is selected or not, along with reasoning for their decision. This structured approach will streamline candidate evaluation, improve transparency in the selection process, and ensure that decisions are based on clearly defined job-relevant criteria.

Feature	Description	Selected (Yes/No)	Reasoning
Skills	Represents key technical and soft skills extracted from candidate resumes.	Yes	Skills are critical for matching candidates to job requirements and are a primary factor in screening.
Experience	Captures the candidate's years of relevant work experience and previous job roles.	Yes	Experience helps assess suitability for seniority and role-specific requirements.

Education	Includes degrees, certifications, and educational qualifications listed in the resume.	Yes	Education level often serves as a baseline eligibility criterion for many job roles.
Certifications	Professional certifications or training relevant to the job role.	Yes	Certifications validate specialized knowledge and enhance candidate profiles.
Location	Geographic information to evaluate candidate proximity or eligibility for location-specific jobs.	NO	Location may not always be a deciding factor due to remote work options; can be considered optional.
Projects	Details of key projects undertaken that showcase practical skills and achievements.	NO	Projects add value but may be inconsistently described, making automated extraction challenging.