

Project Design Phase-I Solution Architecture

Date	19 September 2022
Team ID	PNT2022TMID38407
Project Name	Project – Skill / Job Recommender Application
Maximum Marks	4 Marks

Solution Architecture:

A processed Resume and a skill dataset are required for skill recommendation. A resume with stop words and a porter stemmer will be processed and turned into a list of words. Job and skills are the two attributes of the skill dataset.

- The job dataset will be processed by the system first. Using stop words and the porter stemmer process can be accelerated and streamlined.
- There are four characteristics: ID, Query, Job Title, and Description. The system will reduce it to only two attributes, Query and Description.
- The experiments involving the application of the three similarities after getting the top-recommended jobs and their scores. The system will display it as a pie chart.

Solution Architecture Diagram:

