

## Project Design Phase-I Solution Architecture

Date	19 September 2022
Team ID	PNT2022TMID28874
Project Name	Skill/Job Recommender Application
Maximum Marks	4 Marks

### Solution Architecture:

As finding a job has become more complicated, there is an indispensable need to build a platform, that helps people find a job based on their skillset. Due to the traditional way of studying and getting placed, young aspirants fail to explore the fields of job. Hence based on the skillset of the person various fields of job are recommended.

In this application, Job seekers upload their skill set and educational qualifications. Based on this they will be recommended numerous job openings along with the procedure to enrol and company website. Even the recruiter can skim through the profiles of aspirants and send them job proposal. This becomes a two way benefit. Job search API makes this possible and the data are stored in IBM DB2 database. We even provide a chatbot assistance using Watson Chatbot.

### Example - Solution Architecture Diagram:

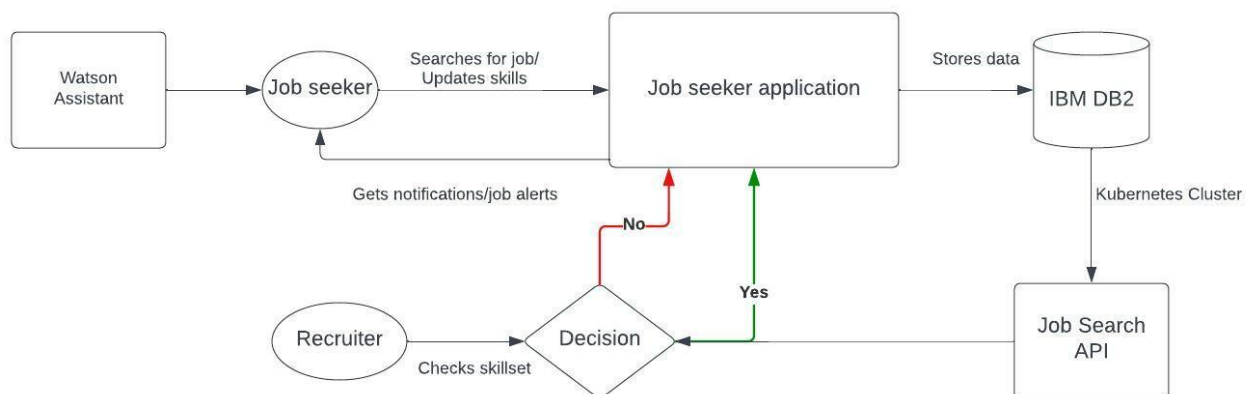


Figure 1: Architecture and data flow of job seeker application

### Reference:

<https://www.researchgate.net/>