## Project Design Phase-I
## Solution Architecture

| Date | 28 October 2022 |
|---|---|
| Team ID | PNT2022TMID29859 |
| Project Name | Skill/Job Recommender Application |
| Maximum Marks | 4 Marks |

## Solution Architecture:

Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions.

- Job seekers struggling to get the desired jobs for the skills they have. They tend to miss out on job openings because there is a many opportunities to get their desire job that list millions of jobs which are generally not relevant at all to the users.

- In job recommender application job seekers can showcase their skills through their profiles. The user and their information are stored in the Database. User can find the jobs by using the search option or they can directly interact with the Chabot and get recommendation on Jobs based on their skillset.

- A notification is send to the user through E-mail, whenever there is a job opening based on the user's skillset.

- Job recommendation facilitates that experience, instead of having to scroll through a lot of job openings. We can easily get a job recommendation by using search API or Chabot. User can find easily their desire job through E-mail.

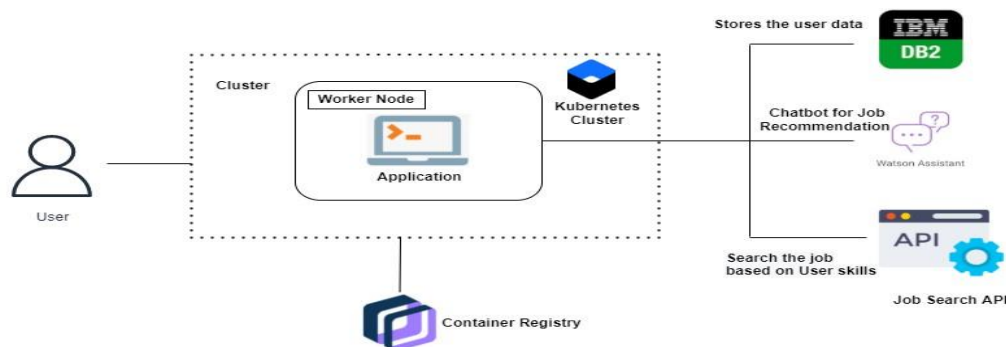## Example - Solution Architecture Diagram:



*Figure 1: Architecture and data flow of the Skill/Job recommender application*