

Project Design Phase - II
Technology Stack (Architecture & Stack)

Date	31October2022
Team ID	PNT2022TMID52437
Project Name	Project - Job / Skill Recommender Application
Maximum Marks	4 Marks

Technical Architecture:

The deliverable shall include the architectural diagram as below and the information as per the table 1 & table 2

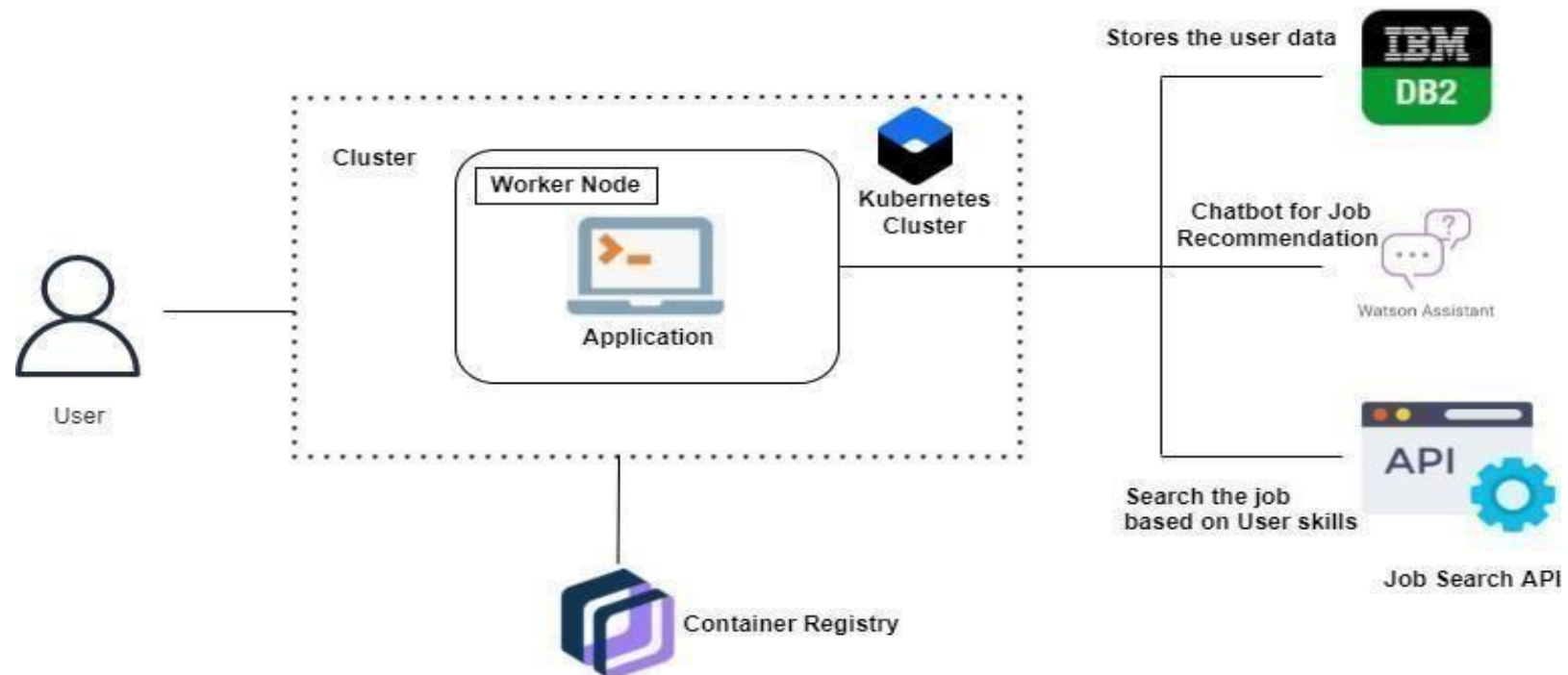


Table-1: Components & Technologies:

S.No	Component	Description	Technology
1.	User Interface	The user can interact with our application with the help of chat bot, etc.	HTML, CSS, JavaScript / Angular Js / React Js etc.
2.	Application Logic-1	The User can login with application by previously He should register in our web app.	Javascript
3.	Application Logic-2	They can also register with the help of a chatbot.	IBM WatsonAssistant
4.	Cloud Database	The user data will be stored and retrieved with the help of this database.	IBM DB2, IBM Cloudant etc.
5.	File Storage	The user documents like photos, resumes and much more will be stored in cloud bucket, etc.,	IBM Block Storage or Other Storage Service or Local File system
6.	External API	With the help of API, the user can search the job Based on their Skill set.	IBM API, etc.
7.	Infrastructure(Server/Cloud)	Application Deployment on Local System Cloud	Local, Cloud Foundry, Kubernetes, etc.

Table-2: Application Characteristics:

S.No	Characteristics	Description
1.	Is it Scalable?	It follows highly scalable technologies that allow application to handle increase in large user data's workload and perform any operation without any problem.
2.	Is it Modifiable?	It is highly Modifiable and Maintenance requires low cost, compared to other applications.
3.	Is the System Robust?	It does not disturb the performance of the computer by not affecting the operating system. It Works in minimal hardware systems.