

Project Design Phase-II

Technology Stack (Architecture & Stack)

Date	28 October 2022
Team ID	PNT2022TMID14813
Project Name	Skill/Job Recommender Application
Maximum Marks	4 Marks

Technical Architecture:

The Deliverable shall include the architectural diagram as below

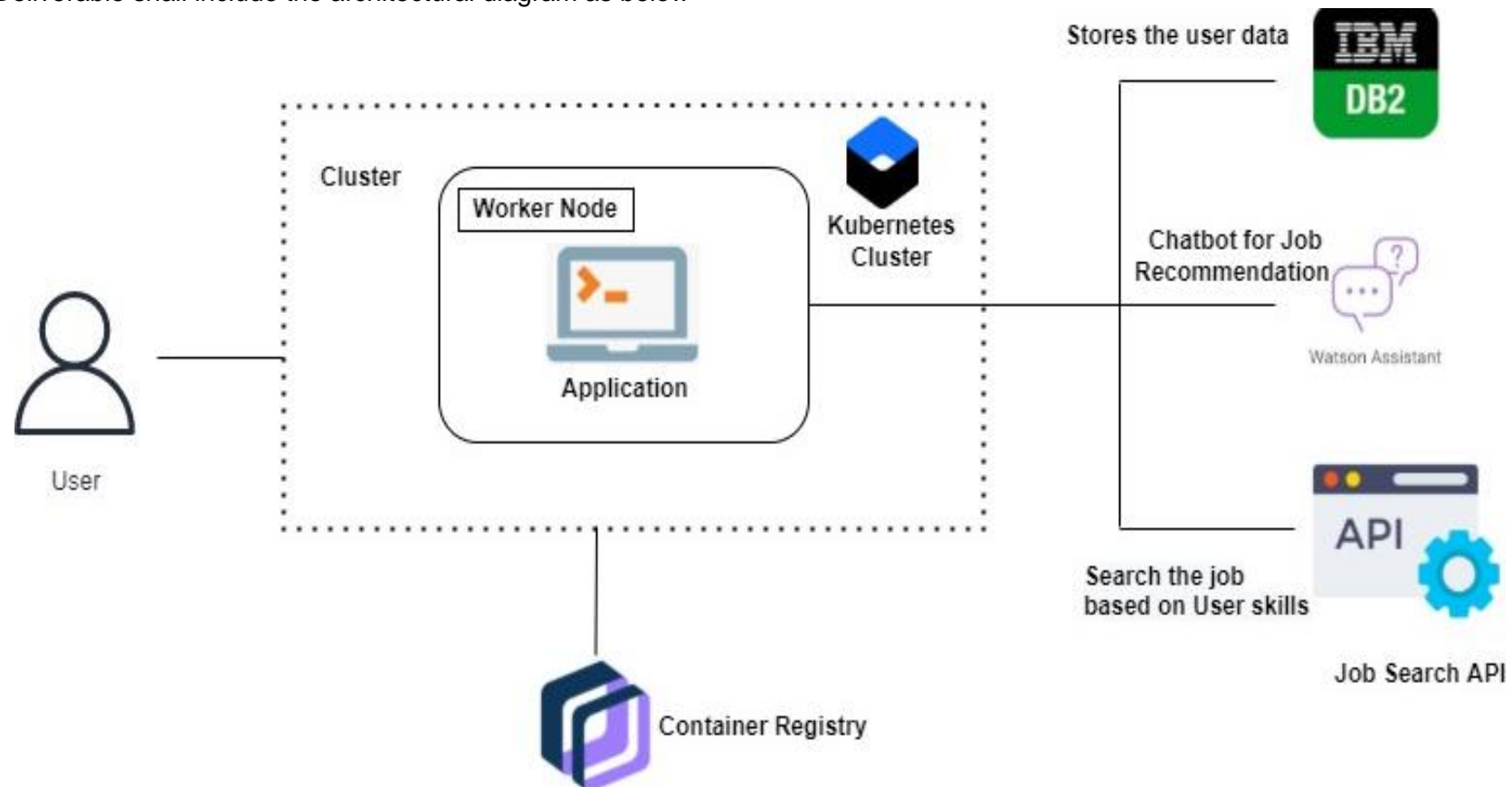


Table-1: Components & Technologies:

S.No.	Component	Description	Technology
1.	User Interface	The user can interact with our application with the help of our chatbot.	HTML, CSS, JavaScript / React Js etc.
2.	Application Logic-1	The User can login in to application, but previously he should have registered in our webpage.	Javascript
3.	Application Logic-2	They can also register with the help of chatbot.	IBM Watson Assistant
4.	Cloud Database	The user data will be stored and retrieved with the help of ibm 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 Filesystem
6.	External API	With the help of API, the user can search the job based on their Skillset.	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?	This project uses highly scalable technologies that allows the application to handle the increase in the users data, workload and perform any operation without any problem.
2.	Is it modifiable?	It is highly modifiable and Maintenance requires low cost.