CHAPTER-1

INTRODUCTION

PROJECT OVERVIEW:

In the last years, job recommender systems have become popular since they successfully reduce information overload by generating personalized job suggestions. Although in the literature exists a variety of techniques and strategies used as part of job recommender systems, most of them fail to recommending job vacancies that fit properly to the job seekers profiles.

a) Thus, the contributions of this work are threefold, we made publicly available a new dataset formed by a set of job seekers profiles and a set of job vacancies collected from different job search engine sites.

b) Put forward the proposal of a framework for job recommendation based on professional skills of job seekers.

c) carried out an evaluation to quantify empirically the recommendation abilities of two state-of-the-art methods, considering different configurations, within the proposed framework.

We thus present a general panorama of job recommendation task aiming to facilitate research and real-world application design regarding this important issue.

Keywords:

Job matching, job seeking, job search, job recommender systems, person-job fit, LinkedIn, word embedding

PURPOSE:

The recommender system technology aims to help users in finding items that match their personnel interests; it has a successful usage in e-commerce applications to deal with problems related to information overload efficiently.

Recommender systems help the users to get personalized recommendations, helps users to take correct decisions in their online transactions, increase sales and redefine the users web browsing experience, retain the customers, enhance their shopping experience.

Here's where recommendation systems come in handy: they shorten the distance between the customer's need and satisfaction. Not only do they help find the search product; they also discover the needs that customers are not even aware they have.

We are primarily used in commercial applications. Examples of such applications include recommending products on Amazon, music on Spotify, and of course, stories on Medium. The famous The Netflix Prize is also a competition in the context of recommendation systems Recommender systems are techniques that serve the best advice for a potential buyer. They suggest the most relevant items to buy and, as a result, increase a company's revenue. These suggestions are based on users' behaviour and history that contain information on their past preferences.

CHAPTER-2

LITERATURE SURVEY

REFERENCE

Adomavicius G, Tuzhilin A (2005). Toward the Next Generation of Recommender Systems: A Survey of the State-of-the-Art and Possible Extensions. IEEE Trans. Knowl. Data Eng. 17(6):734-749.

Barbieri N, Costa G, Manco G, Ortale R (2011). Modeling Item Selection and Relevance for Accurate Recommendations: A Bayesian Approach. In Proceedings of the fifth ACM conference on Recommender systems (RecSys '11), Chicago, Illinois, USA, ACM pp. 21-28.

Keim T (2007). Extending the Applicability of Recommender Systems:A Multilayer Framework for Matching Human Resources. In Proceedings of the 40th Annual Hawaii International Conference on System Sci. (HICSS'07). Hawaii, USA, IEEE

PROBLEM STATEMENT

Problem Statement To develop an end-to-end web application capable of displaying the current job openings based on the user skillset. The user and their information are stored in the Database.

An alert is sent when there is an opening based on the user skillset. Users will interact with the chatbot and can get the recommendations based on their skills. We can use a job search API to get the current job openings in the market which will fetch the data directly from the webpage.

We have come up with a new innovation solution through which you can directly choose your job related to your skills without needing help from someone.

User can login into application and search a job otherwise interact with chatbot via entering skills to the bot, it suggests some job based on entered skills and also it updates latest jobs every day, lists of jobs are uploaded into database.

The chatbot also connected with database once user enter skills into chatbot it will search related job in database then it displays various jobs related to skills.
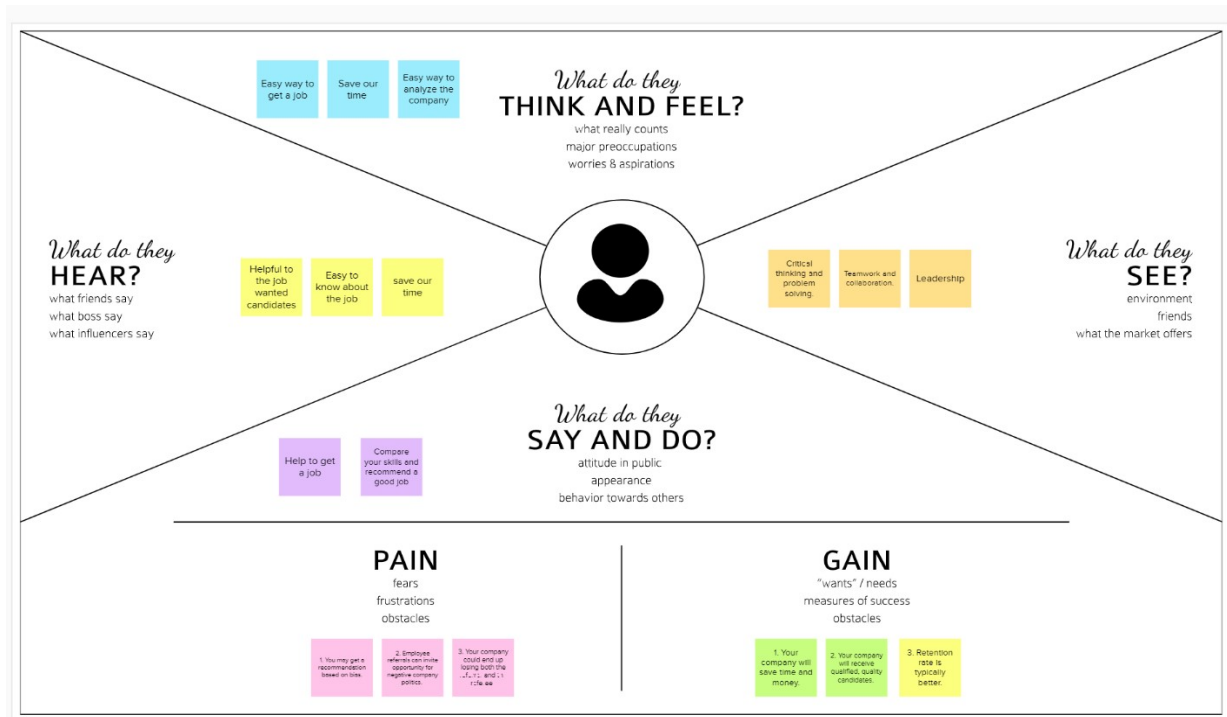
CHAPTER-3

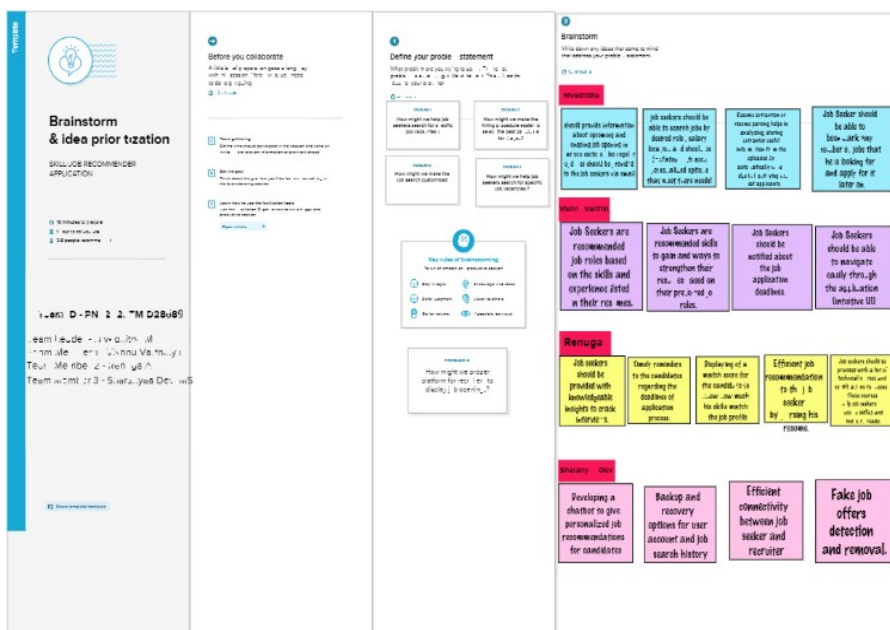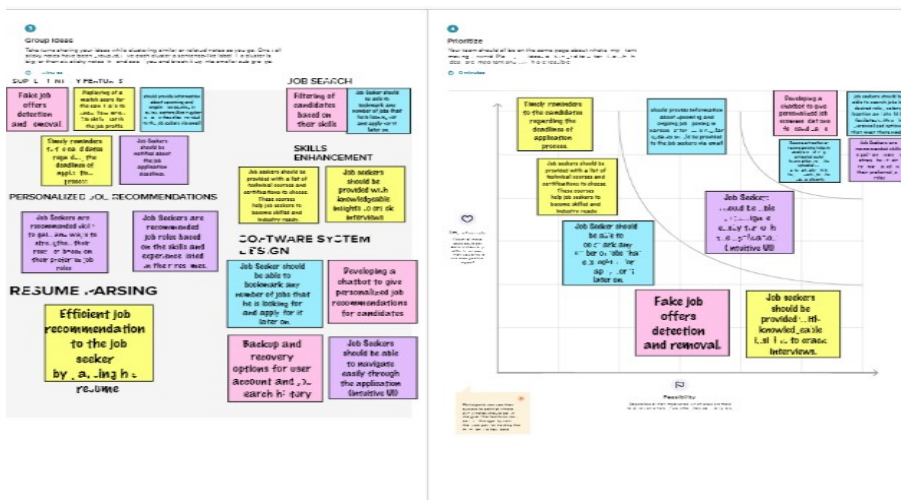# IDEATION AND PROPOSED SOLUTION

EMPATHY MAP CANVAS

An empathy map is a collaborative tool teams can use to gain a deeper insight into their customers. Much like a user persona, an empathy map can represent a group of users, such as a customer segment.

Objective: To assess the attitudes towards, applicability and usefulness of empathy maps as part of user's satisfaction in finding a job and connecting them with the industries where they are interested in.

IDEATION AND BRAINSTROMING

PROPOSED SOLUTION

S. No	Parameter	Description
1.	Problem Statement (Problem to be solved)	Job Recommendation: Recommending the suitable jobs based on the skills.
2.	Idea / Solution description	We have come up with new innovation solution through which you can directly choose your job related to your skills without need help from someone. You can search a job based on your skills and also chat with chatbot for get recommendation of list of jobs related to specified skillsets. We develop an end-to end web application capable of displaying the current job openings based on the user skillset. The user and their information are stored in the Database. We can use a job search API to get the current job openings in the market which will fetch the data directly from the webpage. User can login into application and search a job otherwise interact with chatbot via entering skills to the bot, it suggest some job based on entered skills and also it update latest jobs everyday, lists of jobs are uploaded into database and

		the chatbot also connected with database once user enter skills into chatbot it will search related job in database then it display various jobs related to skills.
3.	*Novelty / Uniqueness*	*In this application we provide feature for applying a job that recommended by application and multilingual chatbot for user convinience.*

4.	*Social Impact / Customer Satisfaction*	*Using this application people can easily find their domain based jobs from top MNC's using AI technology that suits their skill set.*
5.	*Business Model (RevenueModel)*	*Revenue can be generated by giving ads in this application and from affiliate commission.*
6.	*Scalability of the Solution*	*Skill and job recommender system will provide job recommendations to any kind of skill set.It never fail to show recommendations.*

PROBLEM SOLUTION FIT

The Problem-Solution Fit simply means that you have found a problem with your customer and that the solution you have realized for it actually solves the customer's problem.

This system helps the candidates to search an appropriate job by connecting with the industries and increasing their career growth.

1. CUSTOMER SEGMENT(S) [CS]

Who is your customer?

Our project primarily serves the following customers:

1. Job seekers.

2. Recruiters.

6. CUSTOMER [CC]

What constraints prevent your customers from taking action or limit their choices of solutions? i.e. spending power, budget, no cash, network connection, available devices.

1. Misuse of personal information is a concern
2. Unreliable connections are a concern
3. Lack of product knowledge
4. Fraudulent Activity
5. A time-consuming process
6. Too many choices

5. AVAILABLE SOLUTIONS [AS]

Which solutions are available to the customers when they face the problem

Pros	Cons
Scalable to a large number of users	Domain expertise is required
Infrastructural marketing	Fraudulent Activity
Maintain and cultivate commercial relationships	Time-consuming

Explore AS, differentiate

Define CS, fit into CC

2. JOBS-TO-BE-DONE PROBLEMS [J&P]

Which job to-be-done (or problems do you address for your customers? There could be more than one; explore different sides

1. Create a platform to help with job searching.
2. A platform that makes it easier to find people with the necessary skills.
3. Simplify the job-filtering process.
4. Profile with secure personal information

9. PROBLEM ROOT CAUSE [RC]

What is the real reason that this problem exists? What is the back story behind the need to do this job? i.e. customers have to do it because of the change in regulations.

1. Jobs advertised on untrustworthy platforms may be fraudulent.
2. Companies do not reveal their true infrastructure.
3. Some job boards require payment in advance of the job beginning.
4. Users post fictitious credentials.
5. Users pretend to be experts in areas where they lack knowledge.

7. BEHAVIOUR [BE]

What does your customer do to address the problem and get the job done? i.e. directly related: find the right solar panel installer, calculate, usage, no benefits indirectly associated: customers spend free time on volunteering work i.e. Greenpeace)

1. Users are dissatisfied with their wasted time when they apply for fraudulent jobs.
2. Users were dissatisfied when platforms allowed hirers to post fake jobs.
3. Cheating during the online hiring process
4. Employers become perturbed when candidates with unsatisfactory qualifications apply for a position.

Focus on J&P, tap into BE, understand RC

From J&P, tap into BE, understand RC

3. TRIGGERS [TR]

What triggers customers to act? i.e. seeing their neighbour installing solar panels, reading about a more efficient solution in the news.

- Employment opportunities
- Branding
- Endorsement and connections
- Get job alerts

4. EMOTIONS: BEFORE / AFTER [EM]

How do customers feel when they face a problem or a job and afterwards? i.e. lost, insecure > confident, in control - use it in your communication strategy & design.

Emotions-Before	Emotions-After
Lack of knowledge about job vacancy.	User receive updates on job vacancies.
No proper platform to showcase skillset	Exhibit skillset in profile
More paperwork during recruitment	Easy recruitment process

10. YOUR SOLUTION [SL]

If you are working on an existing business, write down your current solution first, fill in the canvas, and check how much it fits reality.

If you are working on a new business proposition, then keep it blank until you fill in the canvas and come up with a solution that fits within customer limitations, solves a problem and matches customer behaviour.

To develop an end-to-end web application that by default have a lot of current job openings through job search API out of which the right job will be recommended based on user skill set. At the same time, students can develop their skills side by side with various courses and webinars offered by the reputed organisation. In addition, a smart chatbot will be available 24*7 which can help users find the right job. Using the job search API, users can also search for customized jobs such as Government Jobs, Women Only Jobs, Jobs based on Communities, etc. The app also suggests additional courses to help users upgrade their resumes.

8. CHANNELS of BEHAVIOUR [CH]

ONLINE

What kind of actions do customers take online? Extract online channels from #7

1. job applications
2. Examine job application and extend the initial level assessment

OFFLINE

What kind of actions do customers take offline? Extract offline channels from #7 and use them for customer development.

1. Interview at the highest level
2. Examine the company's location and infrastructure.
3. Complete paperwork

Identify strong TR & EM

Extract online & offline CH of BE

CHAPTER-4

REQUIREMENT ANALYSIS

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Sign in / Login	Register with username, password
FR-2	Profile Registration	Register with username, password, email, qualification, skills. This data will be stored in a database.
FR-3	Job profile display	Display job profiles based on availability, location, skills.
FR-4	Chatbot	A chat on the webpage to solve user queries and issues.
FR-5	Job Registration	The company's registration/Description details will be sent to the registered email id of the user.
FR-6	Logout	Use logout option after completing job registration process.

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The webpage will be designed in such a way that any non-technical user can easily navigate through it and complete the job registration work. (easy and simple design)
NFR-2	**Security**	Using of python flask to cloud connect will provide security to the project. Database will be safely stored in DB2.
NFR-3	**Reliability**	To make sure the webpage doesn't go down due to network traffic.
NFR-4	**Performance**	Focus on loading the webpage as quickly as possible irrespective of the number of user/integrator traffic.

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

NFR-5	**Availability**	The webpage will be available to all users (network connectivity is necessary) at any given point of time.
NFR-6	**Scalability**	Increasing the storage space of database can increase the number of users. Add some features in future to make the webpage unique and attractive.

CHAPTER-5

PROJECT DESIGN

Dataflow Diagrams

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.
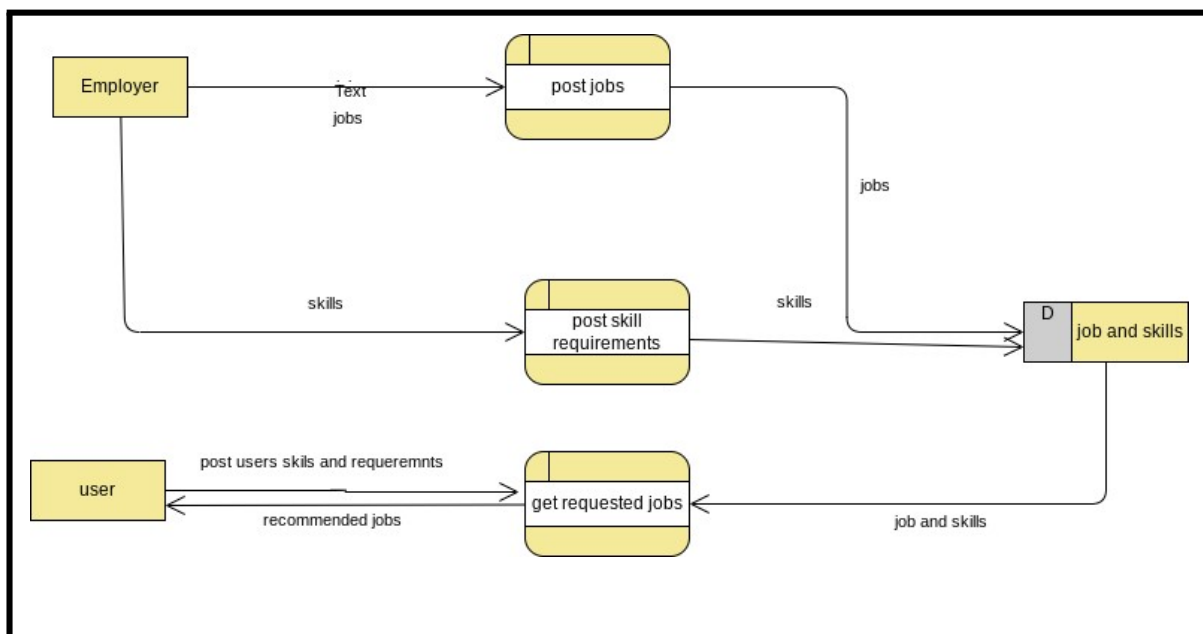
SOLUTION AND TECHNICAL ARCHITECTURE

The Deliverable shall include the architectural diagram as below and the information as per the table1 & table
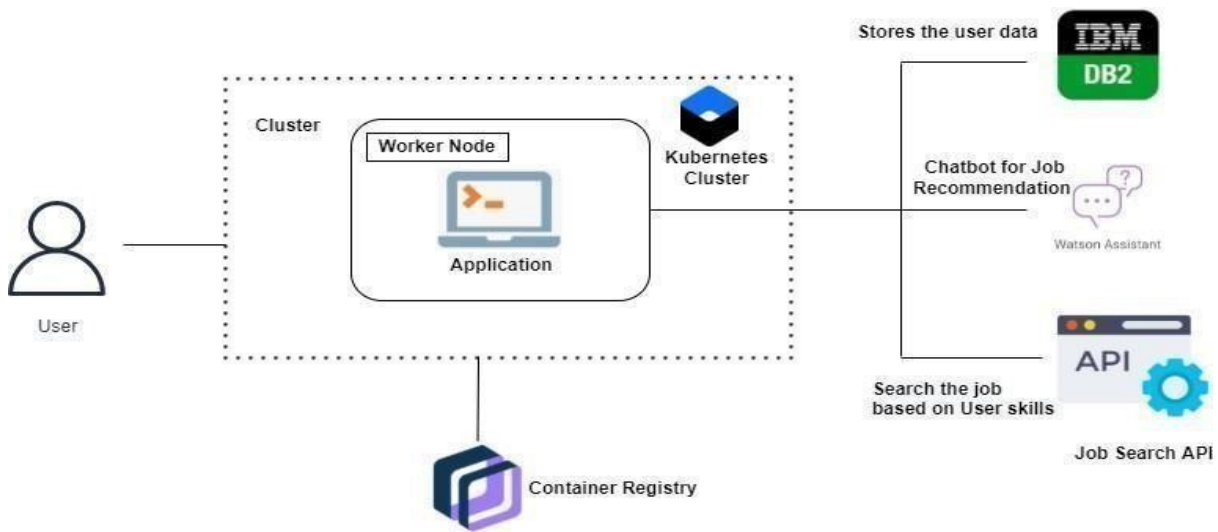
Table-1: Components & Technologies:

S.No	Component	Description	Technology
1.	User Interface	The user can interacts with our application with the help of chatbot, etc.	HTML, CSS, JavaScript / AngularJs / 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 Watson Assistant
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 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?	It follows highly scalable technologies that allows 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.

CHAPTER-6

PROJECT PLANNING & SCHEDULING

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Nivedhitha M Renuga A
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sharanyaa Devi M S Vishnu Varthiny P
Sprint-2		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Nivedhitha M Renuga A
Sprint-3		USN-4	As a user, I can register for the application through Gmail	I can receive confirmation email & click confirm	Medium	Sharanyaa Devi M S Vishnu Varthiny P
Sprint-2	Login	USN-5	As a user, I can log into the application by entering email & password	I can access my account / dashboard	High	Sharanyaa Devi M S Nivedhitha M
Sprint-2	Dashboard	USN-6	Create a model set that contains those models, then assign it to a role.	Assign that group to the appropriate roles on the Roles page	High	Nivedhitha M Renuga A
Sprint-4	Identity-Aware	USN-7	Open, public access, User-authenticated access, Employee-restricted access.	Company public website. App running on the	High	Sharanyaa Devi M S Vishnu Varthiny P

				company intranet. App with access to customer private information.			
Sprint-1	Communication	USN-8	A customer care executive is a professional responsible for communicating the how's and why's regarding service expectations within a company.	For how to tackle customer queries.	Medium	Sharanyaa Devi M S Renuga A	
Sprint-3	Device management	USN-9	You can Delete/Disable/Enable devices in Azure Active Directory but you cannot Add/Remove Users in the directory.	Ease of use.	Medium	Nivedhitha M Vishnu Varthiny P	

CHAPTER-7

CODING &SOLUTIONING

FEATURES 1:

1.Creating an HTML file

2.Converted to a python file using flask.

3.Connecting IBM database using the python file.

4.Creating a Dockerfile

FEATURE 2

1.Converting the python files to image using Docker Hub.

2.Pushing the images to the container registery.

3.With the help of the Kubernetes Node Port number is obtained

4.Web application can be accessed from anywhere.

DATASCHEMA

1.User Name

2.Email Id

3.Password

4.Qualifications

5.Skills

6.Domain

bpe61bfd0365e9u4psdglite.db2.cloud.ibm.com/crn%3Av1%3Abluemix%3Apublic%3Adashdb-for-transactions%3Aus-south%3Aa%2F71257d6cf3fc4a0badc7c72a115287...

IBM **Db2 on Cloud**

Load Data   Load History   **Tables**   Views   Indexes   Aliases   MQTs   Sequences   Application objects

SBC64133.JOB

Back

Export to CSV ⬇

USERNAME	EMAIL	QUALIFICATION	SKILLS	JOBS
Cartoon	younus@mymail.com	b.e	nothing	PYTHON
Kumudha	kumudhaannamalai27@gmail.com	BE CSE	Java	PYTHON
nivedhitha	nivenivedhitha7@gmail.com	be cse	front end developer	AI
ramesh	ramesh@gmail.com	BE	html	PYTHON
ramesh	ramesh@gmail.com	BE	html	PYTHON
sha	ss@gmail.com	cse	java	PYTHON
sha	ss@gmail.com	cse	java	AI

Type here to search

26°C Mostly clear   ENG   00:38   19-11-2022

CHAPTER-8

TEST CASES

					Date	18-Nov-22							
					Team ID	PNT2022TMID28680							
					Project Name	Project – Skill/Job Recommender Application							
					Maximum Marks	4 marks.							
Testcase ID	Feature Type	Component	Test Scenario	Pre-Requisite	Steps To Execute	Test Data	Expected Result	Actual Result	Status	Comments	TC for Automation(Y/N)	BUG ID	Executed By
Homepage_TC_001	UI	Home Page	Verify user is able to see the UI elements in the homepage		1.Enter URL and click go 2.Choose login or register button	http://159.122.187.112:31467/	Home Page should be displayed.	Working as expected	Pass		N		Nivedhitha M Sharanyaa Devi M S
Homepage_TC_002	Functional	Register page	Verify the user is able to give the credentials to login		1.Enter URL and click go 2.The user should be able to give a)A valid user name b)A valid e-mail ID c)A valid password	http://159.122.187.112:31467/register	Application should show below elements: a)Enter a user name b)Enter a email c)Enter a password	Working as expected	Pass		N		Renuga A Vishnu Varthiny P
Homepage_TC_003	Functional	Login page	Verify user is able to enter the registered Username and the password		1.Enter URL and click go 2.Enter the Username 3.Enter the password 4.Enter the login button	http://159.122.187.112:31467/login	Application should show the Jobs available	Working as expected	Pass		N		Sharanyaa Devi M S Renuga A
Homepage_TC_004	Functional	Available jobs page	Verify user able to apply the selective jobs		1.Enter URL and click go 2.Click on Choose button 3.Click on Apply now	http://159.122.187.112:31467/apply	Application should be able to extract the information from the user for applying jobs	Working as expected	Pass		N		Nivedhitha M Vishnu Varthiny P
chatbot_TC_005	Functional	Chatbot	Verify user is able to communicate with the chatbot		1.Enter URL and click go 2.Click on Choose button 3.choose the chatbot at the corner of the application 4.Interact with the chatbot	http://159.122.187.112:31467/	The user must be able to interact with the chatbot so that the user gets a clear idea to proceed with the job search	Working as expected	Pass		N		Sharanyaa Devi M S Renuga A

USER ACCEPTANCE TESTING

1. Purpose of Document

The purpose of this document is to briefly explain the test coverage and open issues of the [ProductName] project at the time of the release to User Acceptance Testing (UAT).

2. Defect Analysis

This report shows the number of resolved or closed bugs at each severity level, and how they were resolved

Resolution	Severity 1	Severity 2	Severity 3	Severity 4	Subtotal
By Design	0	0	0	0	0
Duplicate	0	0	0	0	0
External	0	0	0	0	0
Fixed	0	0	0	0	0
Not Reproduced	0	0	0	0	0
Skipped	0	0	0	0	0
Won't Fix	0	0	0	0	0
Totals	0	0	0	0	0

3. Test Case Analysis

This report shows the number of test cases that have passed, failed, and untested

Section	Total Cases	Not Tested	Fail	Pass
Client Application	5	0	0	5
Security	5	0	0	5
Final Report Output	5	0	0	5
Performance	5	0	0	5

CHAPTER-9

PERFORMANCE METRIC

CHAPTER-10

ADVANTAGES AND DISADVANTAGES

Advantages

It can speak volumes for a candidate-in-question when they are referred by an existing employee. Not only will the current employee, the referrer, likely want to add to—and not detract from company cultures, but they'll also vouch for required skillsets and competencies.

Help evaluate your employees' competency profile against those required for their jobs and identify gaps for improvement. This data can be used to create personalized development plans that map your employees' paths within the organization.

This encourages a substantial interest in specific research fields and technologies that could benefit the managing of this information overload. The most important fields are Information retrieval and Information filtering. Information retrieval deals with automatically matching user's information and Information filtering aims to assist users eliminating unwanted information

Disadvantages

The biggest disadvantage of Job Analysis process is that it is very time consuming. It is a major limitation especially when jobs change frequently.

If the observer or job analyst is an employee of the same organization, the process may involve his or her personal likes and dislikes. This is a major hindrance in collecting genuine and accurate data.
Because of small sample size, the source of collecting data is extremely small. Therefore, information collected from few individuals needs to be standardized.

The process involves lots of human efforts. As every job carries different information and there is no set pattern, customized information is to be collected for different jobs. The process needs to be conducted separately for collecting and recording job-related data.

CHAPTER-11

CONCLUSION

The system gives a clear vision of recruiting process and the job recommendation researches. We have seen from our literature review and from the challenges that faced the holistic e-recruiting platforms, an increased need for enhancing the quality of candidates/job matching.

The recommender system technologies accomplished significant success in a broad range of applications and potentially a powerful searching and recommending techniques. Consequently, there is a great opportunity for applying these technologies in recruitment environment to improve the matching quality.

This report shows that several approaches for job recommendation have been proposed, and many techniques combined in order to produce the best fit between jobs and candidates. We presented state of the art of job recommendation as well as, a comparative study for its approaches that proposed by literatures. Additionally, we reviewed typical recommender system techniques and the recruiting process related issues.

We conclude that the field of job recommendations is still unripe and require further improvements. As part of our ongoing research, we aim to build a new recommendation approach and test with real data for employee and staffing data from large companies.

CHAPTER-12

FUTURE SCOPE

The tremendous growth of both information and usage has led to a so-called information overload problem in which users are finding it increasingly difficult to locate the right information at the right time Thus huge amount of information and easy access to it make recommender systems unavoidable [1]. We use recommender system every day without realizing it and without knowing what exactly happens.

Recommender systems have changed the way people find products, information, and even other people. They study patterns of behaviour to know what someone will prefer from among a collection of things he/she has never experienced. Benefits of recommender systems to the businesses using them include: The ability to offer unique personalized service for the customer, Increase trust and customer loyalty, Increase sales, click-through rates, conversions, etc., Opportunities for promotion, persuasion and Obtain more knowledge about customers.

Recommender systems are software tools and techniques providing suggestions for items to be of use to a user. Job recommender systems are desired to attain a high level of accuracy while making the predictions which are relevant to the customer, as it becomes a very tedious task to explore thousands of jobs, posted on the web.

APPENDIX

SOURCECODE

HOME PAGE

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Bootstrap Example</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
</head>
<style>
.right{
    position: absolute;
    right: 34px;
    top: 10px;
display: inline-block;
}
.formwork{
color:blue;

}

.container h5{
font-size: 50px;
```

```css
        color:rgb(0, 0, 0);

        font-family: 'Baloo Bhai 2';


        }
        .btn{

            font-family: 'Baloo Bhai 2', cursive;

            margin: 0px 9px;

            background-color: rgb(234, 128, 15);

            color: white;

            text-align:center;

            }
        .navbar li a{

        font-family: 'Baloo Bhai 2', cursive;

        color: rgb(197, 35, 35);

            }
        .container u{

        color:rgb(18, 231, 142);

        }
        </style>
```

```html
        <body style="background-image:url('https://images.pexels.com/photos/1242348/pexels-photo-1242348.jpeg?w=2000');">


        <nav class="navbar navbar-inverse">
          <div class="container-fluid">
            <ul class="nav navbar-nav">
              <li class="active"><a href="/">HOME</a></li>
              <li><a href="/register">REGISTER</a></li>
              <li><a href="/login">LOGIN</a></li>
              <li><a href="/about">ABOUT US</a></li>
            </ul>
```

```html
        </div>
    </nav>
    <div class="right">
    <form action="/contact" method="get" target="_blank">
        <button class="btn">contact us</button>
      </form>



    </div>
    <div class="container">
        <center><u><h5>JOB PORTAL<h5></u></center>
      </div>
      <br>
    <!-- bootstrap navbar -->
        <nav class="navbar sticky-top navbar-expand-lg navbar-dark">
          <div class="container-fluid">
           <a class="main-logo-img mt-3" href="#"><img src="" alt=""
height="0px" width="0px">
             <!-- <a class="navbar-brand" href="index.html">JobPortal</a> -->
            </a>
          <section class="our-focus">
            <div class="container">
            <center><h1 class="text-center mt-3">.....ABOUT US.....</h1></center>
    <br>
    <br>
            <div class="row ml-3 mt-3">
             <div class="col-lg-3 mr-5" id="focus-first">
              <div class="card" style="width: 19rem;">
                <!-- <img src="assets/img/home kids.jpg" class="card-img-top"
alt="..."> -->
                 <div class="card-body">
```

```html
          <h5 class="card-title">MISSION</h5>

    <br>

            <b> <p class="card-text">Job recommender is an application that
builds a relation between the candidates and the organisation.

            The outcome will be the recommendations based on what domains
and the fields that the candidates are intrested.

            This system work in areas like search queries,hashtags and
more.We have integrated with IBM cloud and used some technologies like
python,Docker and more.


    </p>

    </div>

   </div>

  </div></b>
     <b> <div class="col-lg-3 mr-5" id="focus-second">

   <div class="card" style="width: 20rem;">

      <!-- <img src="assets/img/friendship day.JPG" class="card-img-
top" alt="..."> -->

      <div class="card-body">

       <h5 class="card-title">VISSION</h5>

       <p class="card-text">Our main objective is to recommend
appropriate jobs for the users and satisfy

            their needs by asking them various questions based on the
induvidual's interest on domain,salary pakage,area of interest and the skills the are
filled with.

            With this the young talents will be able to find a job and start a
career.It will also support the working employees to develope in their career. </p>

    </div>

    </div>

   </div></b>
     <b><div class="col-lg-3 ml-5" id="focus-third">

   <div class="card" style="width: 20rem;">

      <!-- <img src="assets/img/health camp.jpg" class="card-img-top"
alt="..."> -->
```

```html
        <div class="card-body">

          <h5 class="card-title">OBJECTIVE</h5>

            <p class="card-text">Well directed career guidance for the employees and the freshers;expand employment accross the world;

                identify a perfect candidate for a specific job role;to increase the current industry standards;to make the candidates fly through the employment.</p>

        </div>

       </div>

      </div>

     </div>

    </div></b>

   </section>

   <!-- focus section ends -->


   <!-- footer starts -->

   <!-- Site footer -->

   <script>
window.watsonAssistantChatOptions = {

    integrationID: "db02aed9-1627-4889-b8c4-5cf30e7ab189", // The ID of this integration.

    region: "au-syd", // The region your integration is hosted in.

    serviceInstanceID: "36d66a11-498c-4821-a1a1-6008bddc50e5", // The ID of your service instance.

    onLoad: function(instance) { instance.render(); }

};

setTimeout(function(){

  const t=document.createElement('script');

    t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" + (window.watsonAssistantChatOptions.clientVersion || 'latest') + "/WatsonAssistantChatEntry.js";

    document.head.appendChild(t);

});
```

```
            </script>


            </body>
            </html>
```

REGISTER PAGE

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Bootstrap Example</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
  <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
  <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
</head>
<style>
.right{
      position: absolute;
      right: 34px;
      top: 10px;
display: inline-block;
 }
 .formwork{
 color:green;
```

```css
    }

    .container h5{
    font-size: 50px;
     color:black;
     font-family: 'Baloo Bhai 2';


    }
    .btn{
        font-family: 'Baloo Bhai 2', cursive;

        margin: 0px 9px;

        background-color: rgb(214, 28, 108);

        color: rgb(0, 0, 0);

        text-align:center;

        }
    .navbar li a{
    font-family: 'Baloo Bhai 2', cursive;

    color: red;

        }
    .container u{
    color:green;
    }
    </style>
```

```html
<body style="background-image:url('https://images.pexels.com/photos/1242348/pexels-photo-1242348.jpeg?w=2000');">
<nav class="navbar navbar-inverse">
  <div class="container-fluid">
    <ul class="nav navbar-nav">
      <li class="active"><a href="/">HOME</a></li>
      <li><a href="/register">REGISTER</a></li>
      <li><a href="/login">LOGIN</a></li>
```

```html
        <li><a href="/about">ABOUT US</a></li>
      </ul>
    </div>
</nav>
<div class="right">
<form action="/contact" method="get" target="_blank">
        <button class="btn">contact us</button>
      </form>
</div>
    <!-- bootstrap navbar -->
    <div class="logo mt-3 text-center">
        <a class="main-logo-img mt-5" href="#"><img
src="https://thumbs.dreamstime.com/b/round-181587919.jpg" alt="sheep-logo"
height="120px" width="300px">
          <!-- <a class="navbar-brand" href="index.html">JobPortal</a> -->
        </a>
    </div>
      <!-- navbar ends -->
    <!-- Login form -->
    <div class="login text-center mt-5">
        <h2> REGISTER NOW </h2>
<br>
        <form action="/register" method="post">
        <div class="msg"></div>
          <!-- <input type="text" placeholder="fullname" id="fullname"> </br></br> -->


          <input type="text" name="username" placeholder="Enter Your Username"
id="username" required></br></br>
                        <input type="email" name="email" placeholder="Enter Your
Email ID"  id="email" required></br></br>
                        <input type="password" name="password" placeholder="Enter
Your Password" id="password" required></br></br>
```

```html
        </br>
      <button type="submit" id="button" class="btn btn-primary"> Register </button>
      </form>
    </div>
<br>
    <div class="note mt-3 text-center"> <!--Register form -->
    <p> already have an account ? please login  <a href="/login">login! </a> </p>


    </div>
        <script>
  window.watsonAssistantChatOptions = {
    integrationID: "db02aed9-1627-4889-b8c4-5cf30e7ab189", // The ID of this integration.
    region: "au-syd", // The region your integration is hosted in.
    serviceInstanceID: "36d66a11-498c-4821-a1a1-6008bddc50e5", // The ID of your service instance.
    onLoad: function(instance) { instance.render(); }
  };
  setTimeout(function(){
    const t=document.createElement('script');
    t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" + (window.watsonAssistantChatOptions.clientVersion || 'latest') + "/WatsonAssistantChatEntry.js";
    document.head.appendChild(t);
  });
</script>
</body>
</html>
```

LOGIN PAGE

```html
<!DOCTYPE html>
```

```html
<html lang="en">
<head>
  <title>Bootstrap Example</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
  <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
  <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
</head>
<style>
.right{
    position: absolute;
    right: 34px;
    top: 10px;
display: inline-block;
 }
 .formwork{
 color:green;


 }


 .container h5{
font-size: 50px;
 color:black;
 font-family: 'Baloo Bhai 2';


 }
 .btn{
```

```css
        font-family: 'Baloo Bhai 2', cursive;

        margin: 0px 9px;

        background-color: blue;

        color: white;

        text-align:center;

        }
.navbar li a{

font-family: 'Baloo Bhai 2', cursive;

color: red;

        }
.container u{

color:green;

}
    </style>
```

```html
<body style="background-image:url('https://images.pexels.com/photos/1242348/pexels-photo-1242348.jpeg?w=2000');">
<nav class="navbar navbar-inverse">
  <div class="container-fluid">
    <ul class="nav navbar-nav">
      <li class="active"><a href="/">HOME</a></li>
      <li><a href="/register">REGISTER</a></li>
      <li><a href="/login">LOGIN</a></li>
      <li><a href="/about">ABOUT US</a></li>
    </ul>
  </div>
</nav>
<div class="right">
<form action="/contact" method="get" target="_blank">
    <button class="btn">contact us</button>
    </form>
```

```html
</div>
  <!-- bootstrap navbar -->
  <div class="logo mt-3 text-center">
    <a class="main-logo-img mt-5" href="#"><img
src="https://cengage.force.com/resource/1607465003000/loginIcon" height="150px"
width="250px">
      <!-- <a class="navbar-brand" href="home.html">JobPortal</a> -->
    </a>
  </div>
   <!-- navbar ends -->
  <!-- Login form -->
  <div class="login text-center mt-5">
    <u><h2> LOGIN FORM </h2></u>
<br>
    <form action="/login" method="post">
    <div class="msg"><b> WELCOME TO THE LOGIN PAGE </b></div>
<br>
      <input type="text" name="username" placeholder="Enter Your Username"
id="username" required></br></br>
              <input type="password" name="password" placeholder="Enter
Your Password" id="password" required></br></br>
      </br>
    <button type="submit" id="button" class="btn btn-primary"> Login </button>
    </form>
  </div>
<br>
  <div class="note mt-3 text-center"> <!--Register form -->
  <p> Don't have an account yet? Click here to <a href="/register">register! </a> </p>
  </div>
      <script>
  window.watsonAssistantChatOptions = {
```

```
  integrationID: "db02aed9-1627-4889-b8c4-5cf30e7ab189", // The ID of this
integration.

  region: "au-syd", // The region your integration is hosted in.

  serviceInstanceID: "36d66a11-498c-4821-a1a1-6008bddc50e5", // The ID of your
service instance.

  onLoad: function(instance) { instance.render(); }

 };

 setTimeout(function(){

  const t=document.createElement('script');

  t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" +
(window.watsonAssistantChatOptions.clientVersion || 'latest') +
"/WatsonAssistantChatEntry.js";

  document.head.appendChild(t);

 });
</script>

</body>

</html>
```

DASHBOARD

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta http-equiv="X-UA-Compatible" content="IE=edge">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>JOBPORTAL | HOME</title>

  <meta charset="UTF-8">

    <!-- favicon -->

    <!-- <link rel="shortcut icon" href="/assets/img/favicon.ico" type="image/x-
icon"> -->

    <!-- <link rel="icon" href="/assets/img/favicon.ico" type="image/x-icon"> -->
```

```html
<link rel="icon" type="image/png" sizes="16x16" href="/assets/img/favicon-32x32.png">

<!-- bootstrap css cdn -->

<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css" integrity="sha384-JcKb8q3iqJ61gNV9KGb8thSsNjpSL0n8PARn9HuZOnIxN0hoP+VmmDGMN5t9UJ0Z" crossorigin="anonymous">

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.css">

<!-- css stylesheet -->

<link rel="stylesheet" href="css/style.css">

<!-- font styles cdn -->

<link rel="preconnect" href="https://fonts.gstatic.com">

<link href="https://fonts.googleapis.com/css2?family=Alegreya&display=swap" rel="stylesheet">

<link href="https://fonts.googleapis.com/css2?family=Alegreya:wght@600&display=swap" rel="stylesheet">
</head>
<body style="background-image: url('https://images.pexels.com/photos/684314/pexels-photo-684314.jpeg?auto=compress&amp;cs=tinysrgb&amp;w=2000');">

<!-- bootstrap navbar -->

<nav class="navbar sticky-top navbar-expand-lg navbar-light">

  <div class="container-fluid">

    <a class="main-logo-img mt-3" href="#"><img src="https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcQJYlncUWMljmSKPkZLKJS5P0VQJhZFwjKbZQ&usqp=CAU" alt="sheep-logo" height="120px" width="300px">

      <!-- <a class="navbar-brand" href="index.html">JobPortal</a> -->

    </a>

    <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">

      <span class="navbar-toggler-icon"></span>

    </button>
```

```html
        <div class="row donate-sponsor">

          <a type="button" class="btn btn-primary mr-1" id="sponsor"
href="/display">DISPLAY</a>

                          <a type="button" class="btn btn-primary mr-1"
id="sponsor" href="/logout">LOG OUT</a>

        </div>

      </div>

    </nav>

    <!-- navbar ends -->


    <!-- what we focus on -->
    <section class="our-focus">
      <div class="container">
      <h2 class="text-center mt-3">Available Jobs</h2>
      <div class="row ml-3 mt-3">
        <div class="col-lg-3 mr-5" id="focus-first">
          <div class="card" style="width: 19rem;">
            <!-- <img src="assets/img/home kids.jpg" class="card-img-top" alt="..."> -
->

            <div class="card-body">
              <h5 class="card-title">Front End Developer</h5>
              <p class="card-text">Skills for Front End Developer
              </p>
              <a href="apply" class="btn btn-primary">Apply Now</a>
            </div>
          </div>
        </div>
        <div class="col-lg-3 mr-5" id="focus-second">
          <div class="card" style="width: 20rem;">
            <!-- <img src="assets/img/friendship day.JPG" class="card-img-top"
alt="..."> -->
```

```html
          <div class="card-body">
            <h5 class="card-title">Data Scientist</h5>
            <p class="card-text">Skills for datascientist</p>
              <a href="apply" class="btn btn-primary">Apply Now</a>
          </div>
        </div>
      </div>
      <div class="col-lg-3 ml-5" id="focus-third">
        <div class="card" style="width: 20rem;">
          <!-- <img src="assets/img/health camp.jpg" class="card-img-top" alt="...">
-->
          <div class="card-body">
            <h5 class="card-title">HR Manager</h5>
            <p class="card-text">skills for hr manager</p>
              <a href="apply" class="btn btn-primary">Apply Now</a>
          </div>
        </div>
      </div>
    </div>
  </div>
</section>
<!-- focus section ends -->


<!-- footer starts -->
<!-- Site footer -->


<script>
window.watsonAssistantChatOptions = {
  integrationID: "db02aed9-1627-4889-b8c4-5cf30e7ab189", // The ID of this
integration.
  region: "au-syd", // The region your integration is hosted in.
```

```
      serviceInstanceID: "36d66a11-498c-4821-a1a1-6008bddc50e5", // The ID of your
service instance.

  onLoad: function(instance) { instance.render(); }

 };

 setTimeout(function(){

  const t=document.createElement('script');

  t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" +
(window.watsonAssistantChatOptions.clientVersion || 'latest') +
"/WatsonAssistantChatEntry.js";

  document.head.appendChild(t);

 });
</script>

                </body>

</html>
```

APPLY PAGE

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta http-equiv="X-UA-Compatible" content="IE=edge">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>JOBPORTAL | APPLY</title>

    <!-- favicon -->

    <!-- <link rel="shortcut icon" href="/assets/img/favicon.ico" type="image/x-
icon"> -->

    <!-- <link rel="icon" href="/assets/img/favicon.ico" type="image/x-icon"> -->

    <link rel="icon" type="image/png" sizes="16x16" href="/assets/img/favicon-
32x32.png">

    <!-- bootstrap css cdn -->

    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css"
integrity="sha384-
```

JcKb8q3iqJ61gNV9KGb8thSsNjpSL0n8PARn9HuZOnIxN0hoP+VmmDGMN5t9UJ0Z
" crossorigin="anonymous">

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.css">

    <!-- css stylesheet -->

    <link rel="stylesheet" href="css/style.css">

    <!-- font styles cdn -->

    <link rel="preconnect" href="https://fonts.gstatic.com">

    <link href="https://fonts.googleapis.com/css2?family=Alegreya&display=swap" rel="stylesheet">

    <link href="https://fonts.googleapis.com/css2?family=Alegreya:wght@600&display=swap" rel="stylesheet">
</head>
<body style="background-image: url('https://images.pexels.com/photos/1242348/pexels-photo-1242348.jpeg?w=2000');">

  <!-- bootstrap navbar -->

  <div class="logo mt-3 text-center">

    <img src="https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcTkh2hL43fgGUX0V0cA-2W7lAIqbm10hE_7yg&usqp=CAU&reload=on" alt="" height="150px" width="400px">

      <!-- JobPortal -->

  </div>

   <!-- navbar ends -->

  <!-- Login form -->

  <div class="login text-center mt-5">

    <h2>Apply Now</h2>

    <div class="msg"></div>

    <form action="/apply" method="post" class="mt-3">

      <!-- <input type="text" placeholder="fullname" id="fullname"> </br></br> -->

      <input type="text" name="username" placeholder="Enter Your Username" id="username" required></br></br>

```html
      <input type="email" name="email" placeholder="Enter Your email"
id="email" required></br></br>
      <input type="text" name="qualification" placeholder="Enter Your
Qualification"  id="qualification" required></br></br>
            <input type="text" name="skills" placeholder="Enter Your
skills" id="skills" required></br></br>




      <select name ="s">
<option value ="PYTHON">front end Developer</option>
<option value ="ML"> ML</option>
<option value ="AI"> AI</option>
</select>
      </br></br>
    <button type="submit" id="button" class="btn btn-primary"> Submit</button>
    </form>
  </div>


 <div class="note mt-3 text-center">
   <p> click here to go to dashboard <a href="/dashboard">Dashboard! </a> </p>



   </div>
      <script>
 window.watsonAssistantChatOptions = {
   integrationID: "db02aed9-1627-4889-b8c4-5cf30e7ab189", // The ID of this
integration.
   region: "au-syd", // The region your integration is hosted in.
   serviceInstanceID: "36d66a11-498c-4821-a1a1-6008bddc50e5", // The ID of your
service instance.
   onLoad: function(instance) { instance.render(); }
 };
```

```
  setTimeout(function(){

    const t=document.createElement('script');

    t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" +
(window.watsonAssistantChatOptions.clientVersion || 'latest') +
"/WatsonAssistantChatEntry.js";

    document.head.appendChild(t);

  });

</script>

</body>

</html>
```

DISPLAY PAGE

```html
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta http-equiv="X-UA-Compatible" content="IE=edge">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>JOBPORTAL | HOME</title>

    <!-- <div class="msg">{{ msg }}</div> -->

  <meta charset="UTF-8">

    <!-- favicon -->

    <!-- <link rel="shortcut icon" href="/assets/img/favicon.ico" type="image/x-icon"> -->

    <!-- <link rel="icon" href="/assets/img/favicon.ico" type="image/x-icon"> -->

    <link rel="icon" type="/image/png" sizes="16x16" href="/assets/img/favicon-32x32.png">

    <!-- bootstrap css cdn -->

    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css"
integrity="sha384-
JcKb8q3iqJ61gNV9KGb8thSsNjpSL0n8PARn9HuZOnIxN0hoP+VmmDGMN5t9UJ0Z
" crossorigin="anonymous">
```

```html
___ <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.css">

<!-- css stylesheet -->

<link rel="stylesheet" href="style.css">

<!-- font styles cdn -->

<link rel="preconnect" href="https://fonts.gstatic.com">

<link href="https://fonts.googleapis.com/css2?family=Alegreya&display=swap"
rel="stylesheet">

<link
href="https://fonts.googleapis.com/css2?family=Alegreya:wght@600&display=swap"
rel="stylesheet">


            <style>
table, th, td ,tr,thead{
  border:5px solid black;
}
</style>

</head>

<body style="background-image:url('https://img.freepik.com/premium-
photo/magnifying-glass-blue-background-wallpaper-copy-space-symbol-decoration-
ornament-hr-human-recruitment-research-discovery-work-job-career-resume-
interview-hiring-employment-choice-focus3d-render_178037-844.jpg?w=1800');">

    <!-- bootstrap navbar -->

    <nav class="navbar sticky-top navbar-expand-lg navbar-light">

      <div class="container-fluid">

        <a class="main-logo-img mt-3" href="#"><img src="" alt="">

         <!-- <a class="navbar-brand" href="index.html">JobPortal</a> -->

        </a>

        <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
data-bs-target="#navbarSupportedContent" aria-
controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle
navigation">

            <span class="navbar-toggler-icon"></span>

          </button>
```

```html
        <div class="row donate-sponsor">

        <a type="button" class="btn btn-success mr-1" id="donate"
href="/logout">LOGOUT</a>

        <a type="button" class="btn btn-warning mr-1" id="sponsor"
href="register">REGISTER</a>

        </div>

      </div>

    </nav>

    <!-- navbar ends -->


    <!-- what we focus on -->
    <div class="m-4 container">
    <h1><u>Your Details</u></h1>
    </div>
    <div class="m-4 container">
      <table class="table">
        <thead>
          <tr>
            <th scope="col">Sr.No</th>

            <th scope="col">Username</th>

            <th scope="col">Emailid</th>

            <th scope="col">Qualification</th>

            <th scope="col">Skills</th>

            <th scope="col">Jobs</th>

          </tr>

        </thead>

        <tbody>


          {% for row in account %}

          <tr>
```

```
                    <th scope="row">{{loop.index}}</th>

                    <td>{{row[0]}}</td>

                    <td>{{row[1]}}</td>

                    <td>{{row[2]}}</td>

                    <td>{{row[3]}}</td>

                    <td>{{row[4]}}</td>


                </tr>
                {% endfor %}
            </tbody>
        </table>
    </div>


</body>

</html>
```

CONTACT PAGE

```
<html lang="en">

<head>

  <title>Bootstrap Example</title>

  <meta charset="utf-8">

  <meta name="viewport" content="width=device-width, initial-scale=1">

  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

  <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>

  <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<style>

.h1{
```

```css
color:blue;

font-family: 'Baloo Bhai 2';

}

.right{

    position: absolute;

    right: 34px;

    top: 10px;

display: inline-block;

}

.formwork{

color:green;


}


.container h5{

font-size: 50px;

color:black;

font-family: 'Baloo Bhai 2';


}

.btn{

    font-family: 'Baloo Bhai 2', cursive;

    margin: 0px 9px;

    background-color: blue;

    color: white;

    text-align:center;

    }

.navbar li a{

font-family: 'Baloo Bhai 2', cursive;

color: red;
```

```
        }
.container u{
color:green;
}
   </style>
<body style="background-image:url('https://images.pexels.com/photos/1242348/pexels-
photo-1242348.jpeg?w=2000');">
<nav class="navbar navbar-inverse">
  <div class="container-fluid">
   <ul class="nav navbar-nav">
    <li class="active"><a href="/">HOME</a></li>
    <li><a href="/register">REGISTER</a></li>
    <li><a href="/login">LOGIN</a></li>
    <li><a href="/about">ABOUT US</a></li>
   </ul>
  </div>
</nav>
<footer class="site-footer">
        <b><div class="container mt-5">
         <div class="row">
          <div class="col-sm-12 col-md-6">
           <h3>JOB PORTAL</h3>
           <p class="text-justify">Contact us to simplify your job search with the our
job recommender system.
             Connect with the world's widespread industries and on a professional
system.
             Build a bridge with others from your industry on a good professional
network. Apply for jobs, upskill in your area. Find & Apply To New Jobs
             and enjoy your career with highest upscales and development with our
Skills/job recommender system. Find the job you need and easily apply for the jobs you
want.</p>
           </div>
```

```html
                <div class="col-xs-6 col-md-3">
                  <h4>Get in Touch</h4>
                  <ul class="footer-links">
                    <li><a href="mailto:test@gmail.com">jobportal@gmail.com</a></li>
                    <li><a href="">+91 900000000</a></li>
                  </ul>
                </div>




            </div>
          <hr>




          </div>
_____  </div></b>
    </footer>
          <script>
  window.watsonAssistantChatOptions = {
    integrationID: "db02aed9-1627-4889-b8c4-5cf30e7ab189", // The ID of this integration.
    region: "au-syd", // The region your integration is hosted in.
    serviceInstanceID: "36d66a11-498c-4821-a1a1-6008bddc50e5", // The ID of your service instance.
__onLoad: function(instance) { instance.render(); }
  };
  setTimeout(function(){
    const t=document.createElement('script');
    t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" + (window.watsonAssistantChatOptions.clientVersion || 'latest') + "/WatsonAssistantChatEntry.js";
```

```
      document.head.appendChild(t);
  });
</script>
        </body>
</html>
```

ABOUT PAGE

```
      <html lang="en">
      <head>
        <title>Bootstrap Example</title>
        <meta charset="utf-8">
        <meta name="viewport" content="width=device-width, initial-scale=1">
        <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
        <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
        <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
      </head>
      <style>

      .text-center mt-3 h1{
      color:blue;
      font-family: 'Baloo Bhai 2';
      }

      .h1{
      color:blue;
      font-family: 'Baloo Bhai 2';
      }
      .right{
```

```css
        position: absolute;
        right: 34px;
        top: 10px;
display: inline-block;
 }
 .formwork{
 color:green;

 }

 .container h5{
font-size: 50px;
 color:black;
 font-family: 'Baloo Bhai 2';

 }
 .btn{
        font-family: 'Baloo Bhai 2', cursive;
        margin: 0px 9px;
        background-color: blue;
        color: white;
        text-align:center;
        }
.navbar li a{
font-family: 'Baloo Bhai 2', cursive;
color: red;
        }
.container u{
color:green;
}
```

```html
</style>
<body style="background-image:url('https://images.pexels.com/photos/1242348/pexels-photo-1242348.jpeg?w=2000');">
    <nav class="navbar navbar-inverse">
     <div class="container-fluid">
      <ul class="nav navbar-nav">
       <li class="active"><a href="/">HOME</a></li>
       <li><a href="/register">REGISTER</a></li>
       <li><a href="/login">LOGIN</a></li>
       <li><a href="/about">ABOUT US</a></li>
      </ul>
     </div>
    </nav>
    <div>
            <center><h1 class="text-center mt-3">ABOUT US</h1></center>
                    </div>
    <br>
    <br>
            <center><div class="row ml-3 mt-3">
             <b> <div class="col-lg-3 mr-3" id="focus-first">
               <div class="card" style="width: 19rem;">
                <!-- <img src="assets/img/home kids.jpg" class="card-img-top" alt="..."> -->
                <div class="card-body">
                 <u><h5 class="card-title">MISSION</h5></u>
    <br>
                 <p class="card-text">Job recommender is an application that builds a relation between the candidates and the organisation.
                    The outcome will be the recommendations based on what domains and the fields that the candidates are intrested.
```

This system work in areas like search queries,hashtags and more.We have integrated with IBM cloud and used some technologies like python,Docker and more..

</p>

</div>

</div>

</div>

<div class="col-lg-4 mr-4" id="focus-second">

<div class="card" style="width: 20rem;">

<!-- <img src="assets/img/friendship day.JPG" class="card-img-top" alt="..."> -->

<div class="card-body">

<u><h5 class="card-title">VISSION</h5></u>

<p class="card-text">Our main objective is to recommend appropriate jobs for the users and satisfy

their needs by asking them various questions based on the induvidual's interest on domain,salary pakage,area of interest and the skills the are filled with.

With this the young talents will be able to find a job and start a career.It will also support the working employees to develope in their career. </p>

</div>

</div>

</div>

<div class="col-lg-4 ml-4" id="focus-third">

<div class="card" style="width:20rem;">

<!-- <img src="assets/img/health camp.jpg" class="card-img-top" alt="..."> -->

<div class="card-body">

<u><h5 class="card-title">OBJECTIVE</h5></u>

<p class="card-text">Well directed career guidance for the employees and the freshers;expand employment accross the world;

identify a perfect candidate for a specific job role;to increase the current industry standards;to make the candidates fly through the employment.

</p>

</div>

</div>

</div>

</div>

</div>

</section>

</center>

<!-- focus section ends -->

<!-- footer starts -->
<!-- Site footer -->

<hr>

</div>

</div>

</footer>

<script>

window.watsonAssistantChatOptions = {

```
        integrationID: "db02aed9-1627-4889-b8c4-5cf30e7ab189", // The ID of this
integration.

        region: "au-syd", // The region your integration is hosted in.

        serviceInstanceID: "36d66a11-498c-4821-a1a1-6008bddc50e5", // The ID of
your service instance.

        onLoad: function(instance) { instance.render(); }

      };

      setTimeout(function(){

      const t=document.createElement('script');

        t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" +
(window.watsonAssistantChatOptions.clientVersion || 'latest') +
"/WatsonAssistantChatEntry.js";

        document.head.appendChild(t);

       });

      </script>

      </body>

      </html>
```

GITHUB LINK

https://github.com/IBM-EPBL/IBM-Project-50271-1660901567