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SKILL AND JOB RECOMMENDER

Documentation

1. INTRODUCTION

1.1 Project Overview

Job recommendation is an important task for the modern recruitment industry. An excellent job recommender system not only enables to recommend a higher paying job which is maximally aligned with the skill-set of the current job, but also suggests to acquire few additional skills which are required to assume the new position.

1.2 Purpose

The purpose of this project is to give the individual the appropriate job for his/her skillset mentioned or even provide them a survey on what skills the top companies are expecting currently from the top companies, in such a way that the job searching platform is made easy for everyone.

2. LITERATURE SURVEY

2.1 Existing Problem

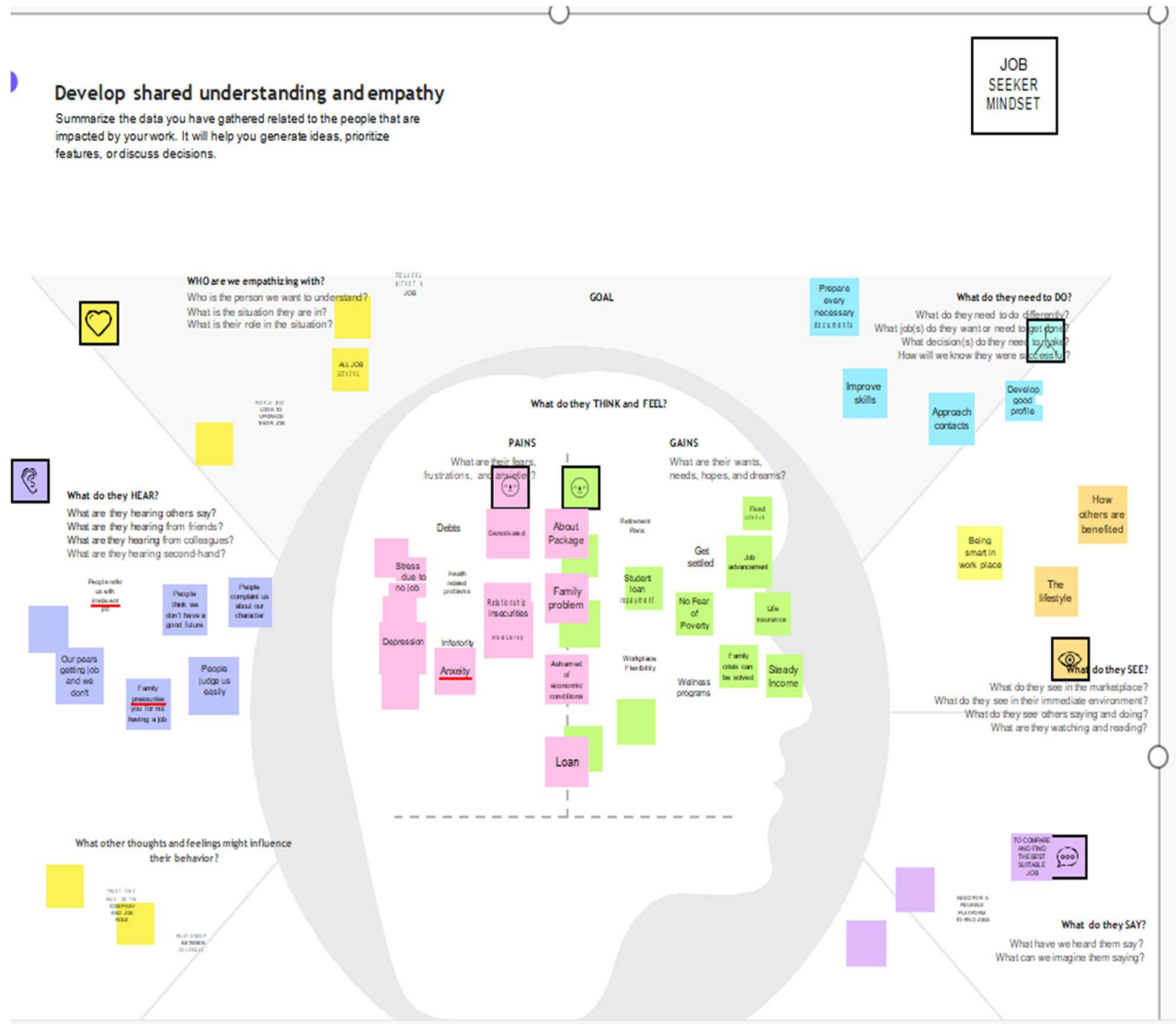
With the large number of openings available in every organization still unemployment is prevalent as people are not able to find a particular job that will suit their expectations and skill set. Even after hiring people are being fired as the company is not satisfied with the candidate's abilities. This is causing a chaos both in organizations and in individuals

2.2 References

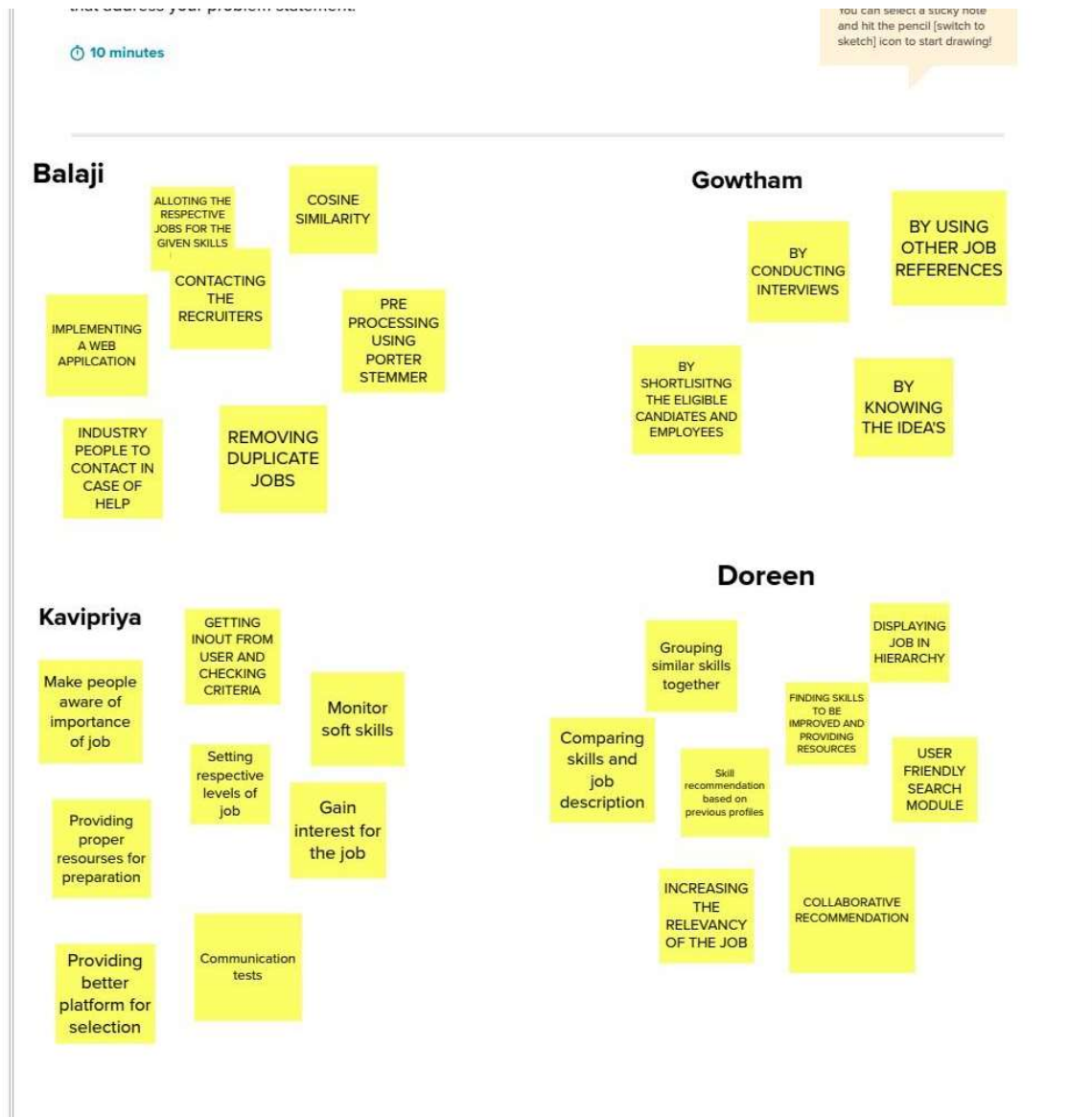
- https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=skill+based+recruitment+application+&oq=#d=gs_qabs&t=1668878605330&u=%23p%3DVdB7A13YhWoJ
- https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=skill+based+recruitment+application+&oq=#d=gs_qabs&t=1668878641523&u=%23p%3DhGb1OC4d7BIJ
- https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=skill+based+recruitment+application+&oq=#d=gs_qabs&t=1668878658942&u=%23p%3D9IHAXVj4qD8J
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3. IDEATION & PROPOSED SOLUTION

3.1 Empathy Map Canvas



3.2) Ideation & Brainstroming



GETTING
INOUT FROM
USER AND
CHECKING
CRITERIA

PRE
PROCESSING
USING
PORTER
STEMMER

SKILL DATA
SET USING
AI

BY
CONDUCTING
INTERVIEWS

USER
FRIENDLY
SEARCH
MODULE

BY
SHORTLISTING
THE ELIGIBLE
CANDIDATES AND
EMPLOYEES

ALLOTING THE
RESPECTIVE
JOBS FOR THE
GIVEN SKILLS
USING AI

Grouping
similar skills
together

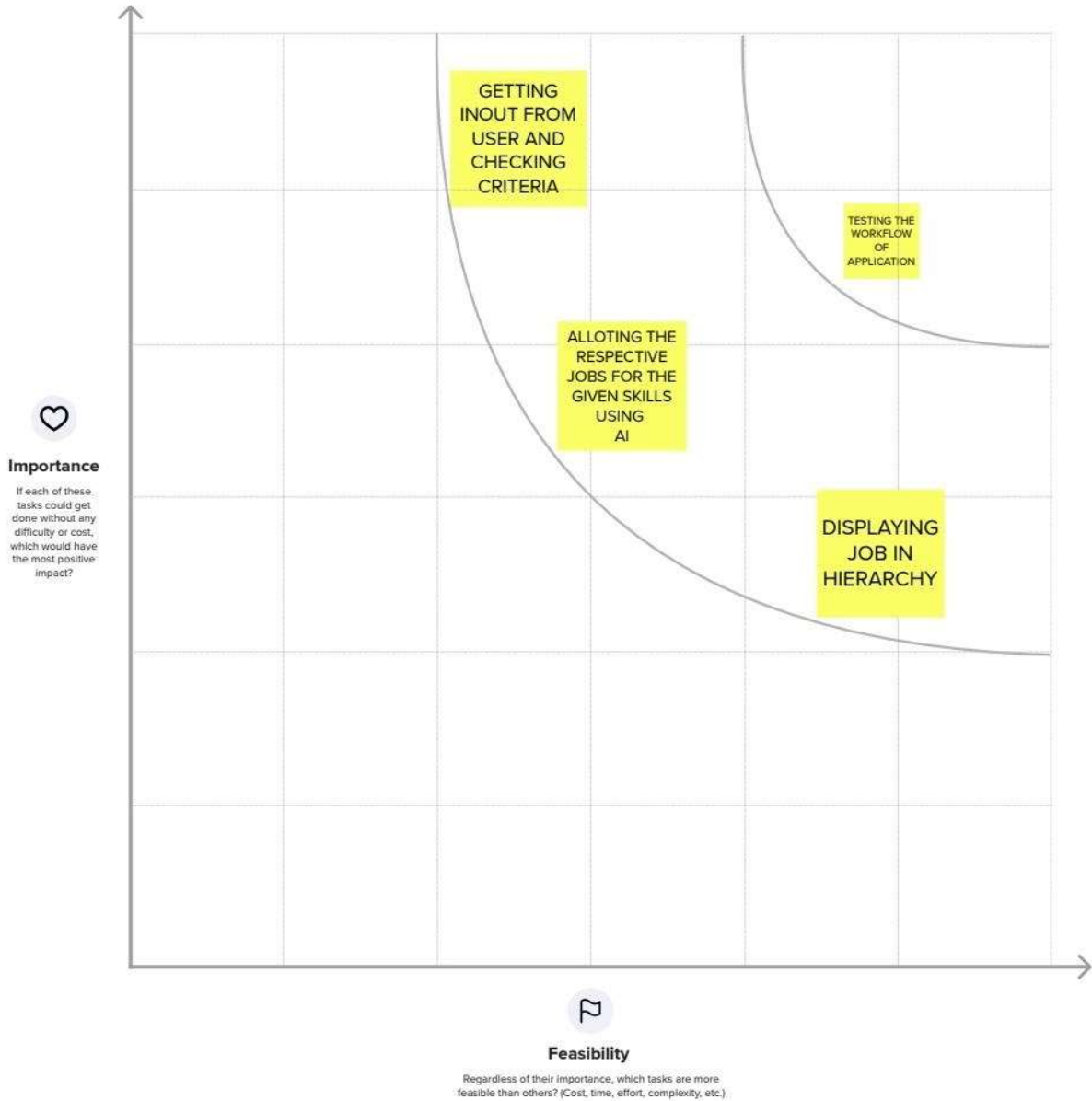
DISPLAYING
JOB IN
HIERARCHY

4

Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

🕒 20 minutes



3.3 Proposed Solution

S.No.	Parameter	Descripton
1.	Problem Statement (Problem to be solved)	<p>Candidates both freshers and experienced , find it difficult to find a job which is more suitable for their job role.</p> <p>Even organisations who are having job openings are not able to find candidates that matches thier expectations</p>
2.	Idea / Soluton descripton	<p>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 skill</p>
3.	Novelty / Uniqueness	<p>There is an alert mechanism when the job openings are available and an live interactive chat box to get a recommendation based on their skills.</p>
4.	Social Impact / Customer Satsfacton	<p>The social impact of this project is reasonably good as this is a most needed search platform for all the job seekers</p>

5.	Business Model (Revenue Model)	Align Model, MVP (Minimum Viable Product) Model
6.	Scalability of the Solution	A future add on of courses for the skills that are on demand by the organisations can be added.

3.4 Proposed Solution

1. CUSTOMER SEGMENT(S) CS		6. CUSTOMER CONSTRAINTS CC		5. AVAILABLE SOLUTION A	
<ul style="list-style-type: none">1.Students who are looking forward for internships to improvise their skills.2.Freshers who have no experience but have skills and a seeking for a job3.Experienced people who are looking forward to upgrade them professionally4.Professionals who are expecting work from home5.Technical and non-technical job seekers		<ul style="list-style-type: none">1.To visit on-site each time in search of job2.Need to search different website each time they need to apply a job3.Manually filtering the job based on their skill-set4.Need to find the relevant job		<ul style="list-style-type: none">1.Breezy is a cloud based recruiting and applicant tracking platform for small and mid-size businesses2.Bootstrap is used to create a branded career sight and distribute listings to over 50 job boards3.Go-hire is an all in one talent hiring platform that includes features to help advertise openings , attract applicants and make informed hiring decisions	
2. JOBS-TO-BE-DONE / PROBLEMS J&P		9. PROBLEM ROOT CAUSE RC		7. BEHAVIOUR BE	
<ul style="list-style-type: none">1.People want to know about all the job openings at their own pace2.Need for a one stop destination where all kind of jobs can be found3.Alert mechanism to not miss any appropriate job openings		<ul style="list-style-type: none">1.They need to visit each and every company in person every time2.Online websites available are specific for each company and consumes time3.Other applications available are complex for the user to handle4.Missing valuable opportunities due to lack of time management		<ul style="list-style-type: none">1.People use different websites to access different resources which consumes time and are manually required to check the compatibility of their skills and job description2. Job seekers were forced to constantly use their mobile to check the new job postings	
3. TRIGGER		10. YOUR SOLUTION SL		8. CHANNELS of BEHAVIOUR CH	
<ul style="list-style-type: none">1. People want a one stop destination where they can find all the job listings available2. People want a easy search engine that will make things easier to find the compatibility of their skills and the job description		<ul style="list-style-type: none">1. End-to-end application capable of displaying the current job openings based on the user skillset whose data are stored in database2. An alert is sent when there is an opening based on the user skillset3. Users can interact with the chatbox and get recommendations based on their skillset.		<ul style="list-style-type: none">1. Advertise online with influencers2. Make a tie-up with top recruiters3. Officially taking over high educational institutions placements4. Testimonies	
4. EMOTIONS: BEFORE / AFTER EM					
<ul style="list-style-type: none">1. Job seekers found searching a job as a burden and could not accomplish the act of finding their expectations in the job making them stressed2. The user friendly UI and alert mechanism builds a trust and eases the pain of searching a job for the requirement					

4. REQUIREMENT ANALYSIS

4.1 Functional requirement

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Collecting the details about the candidate	Collecting all the relevant details like the name, resume, experience and the skillsets of the candidate.
FR-2	Compare the skill sets	The skill sets that the candidate has mentioned is compared with the skill sets of the companies requirement
FR-3	Alert regarding an opening	When the skill sets match , an alert regarding the opening is given
FR-4	Chat box interaction	An live interaction can also be done with the chatbot to do the job recommendation

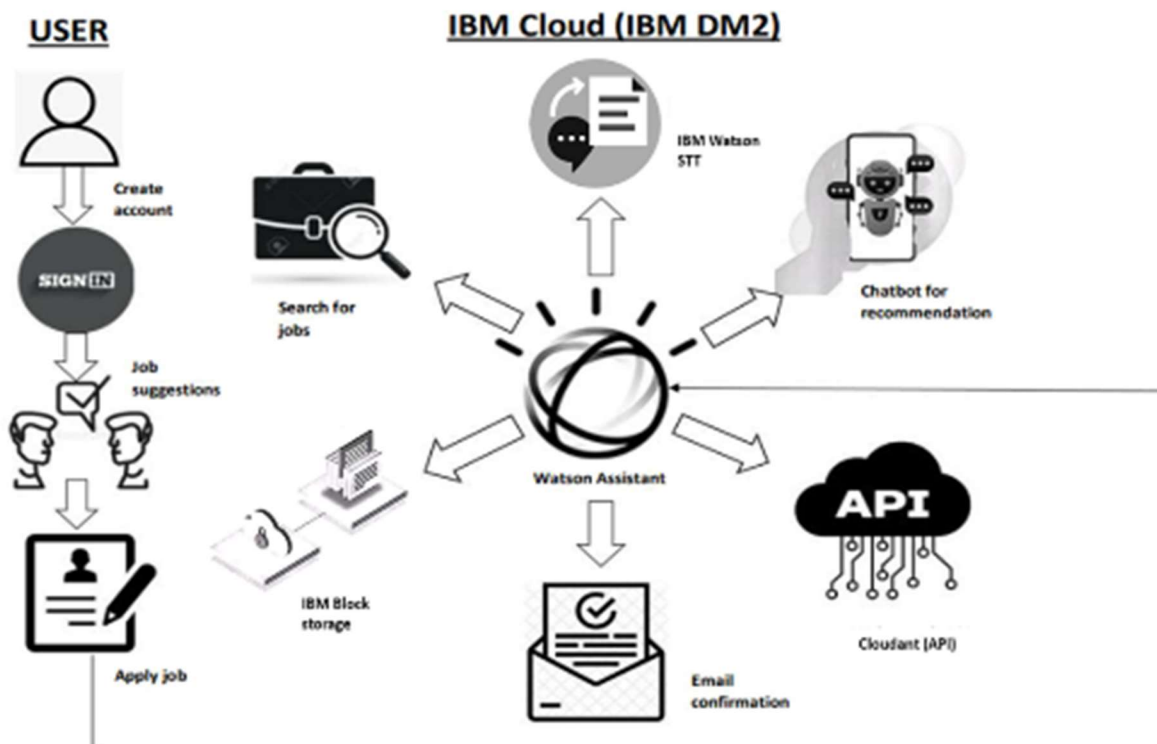
4.2 Non-Functional requirements

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	It is easy and a User friendly interface a everyone has good knowledge about using a website and smart phone
NFR-2	Security	User data is completely secure. It will not get stored in the server Https provides good encrypton to the data
NFR-3	Reliability	The data provided by the application is highly reliable as the job openings are restricted from duplication
NFR-4	Performance	The recommendation and the page load time is approximately 5ms
NFR-5	Availability	The user can able to use the website anytime during the day and night

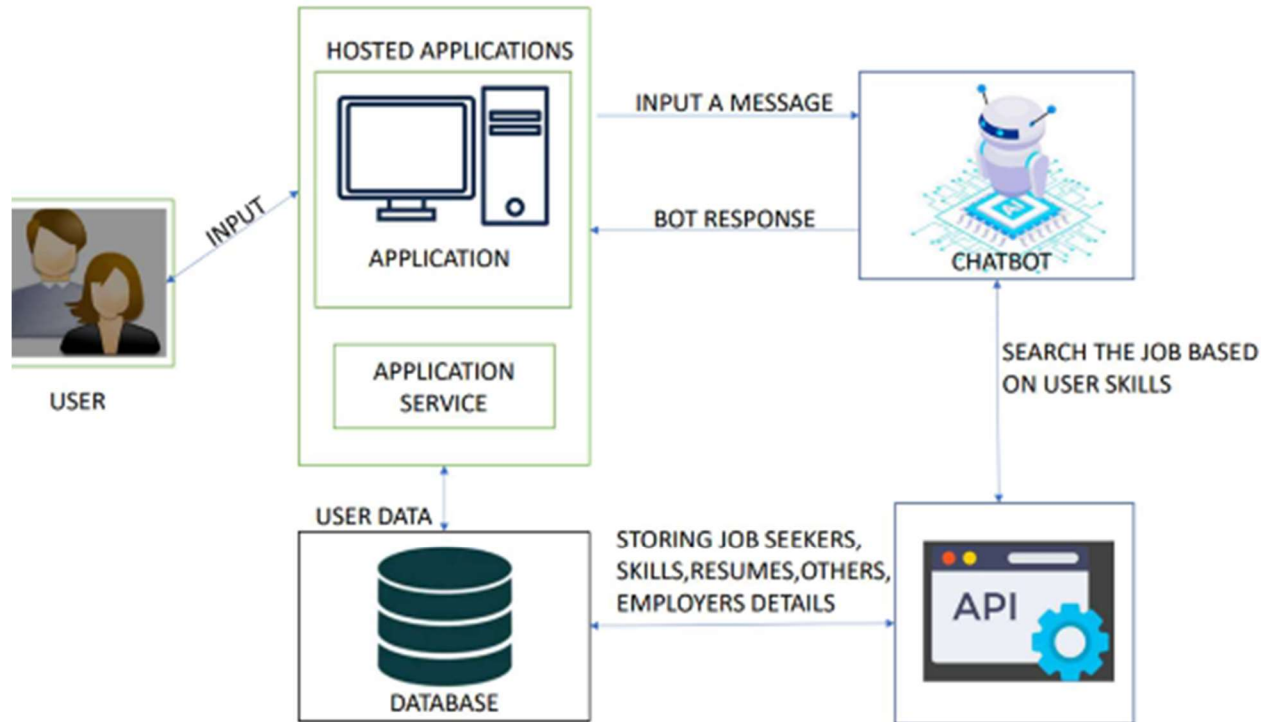
NFR-6	Scalability	Can scale a large number of inputs from the user and the organization and even have a storage of the previous activities encountered
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5. PROJECT DESIGN

5.1 Data Flow Diagrams



5.2 Solution & Technical Architecture



5.3 User Stories

See the below template to get all the user stories for the product

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	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	Sprint-1
Verification		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmationemail & click confirm	High	Sprint-1
Alternative login		USN-3	As a user, I can register for the application through Facebook	I can register & access thedashboard with Facebook Login	Low	Sprint-2
Alternative login		USN-4	As a user, I can register for the application through Gmail	I can register and access the dashboard with Gmail	Medium	Sprint-1
Optional login	Login	USN-5	As a user, I can log into the application by entering email & password	I can register and access the dashboard with email	High	Sprint-1
	Dashboard	USN-6	As a user, I can access my dashboard after signing in, where I could interact with the chatbot	I can access my account / dashboard	High	Sprint-1
Customer (Web user)	Authentication Authorisation	USN-7	As a user, I will check whether the data provided will be safe and secure	I can provide all the details For authentication	Medium	Sprint-1
Customer Care Executive	Customers issues	USN-8	Develops customer service guidelines and writes them up for all employees to follow	I can get the queries and doubts cleared by customer care	Low	Sprint-2

6. PROJECT PLANNING & SCHEDULING

6.1 Sprint Planning & Estimation

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	Doreen Belinta A, Kavipriya M, Balaji MS
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmationemail & click confirm	High	Gowtham KH, Kavipriya M
Sprint-2		USN-3	As a user, I can register for the application through Facebook	I can register & access thedashboard with Facebook Login	Low	Kavipriya M, Doreen Belinta A
Sprint-1		USN-4	As a user, I can register for the application through Gmail	I can register and access the dashboard with Gmail	Medium	Balaji MS, Gowtham KH, Kavipriya M, Doreen Belinta A
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	I can register and access the dashboard with email	High	Gowtham KH, Doreen Belinta A
Sprint-1	Dashboard	USN-6	As a user, I can access my dashboard after signing in, where I could interact with the Chatbot	I can access my account / dashboard	High	Balaji MS, Gowtham KH, Kavipriya M
Sprint-1	Authentication Authorisation	USN-7	As a user, I will check whether the data provided will be safe and secure	I can provide all the details For authentication	Medium	Balaji MS, Doreen Belinta A
Sprint-2	Customers issues	USN-8	Develops customer service guidelines and writes them up for all employees to follow	I can get the queries and doubts cleared by customer care	Low	Balaji MS, Gowtham KH

6.2) Sprint Delivery Schedule

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

7. CODING & SOLUTION

7.1 Feature 1

Created a UI based interface for the easy interaction of the user using the HTML, CSS, Python Flask and integrate it with Db2

Python code : app.py

```
from flask import Flask, render_template, request, redirect, url_for, session
import ibm_db
import re

app = Flask(__name__)

app.secret_key = 'a'

conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=6667d8e9-9d4d-4ccb-ba32-
21da3bb5aafc.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=30376;SECURITY=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=xrd94478;PWD=46iFVYdKdJ5HiiWy",
'', '')

@app.route('/')

def homer():
    return render_template('index.html')

@app.route('/login', methods = ['GET', 'POST'])
def login():
    global userid
    msg = ''

    if request.method == 'POST' :
        username = request.form['username']
        password = request.form['password']
        sql = "SELECT * FROM users WHERE username=? AND password=?"
        stmt = ibm_db.prepare(conn, sql)
        ibm_db.bind_param(stmt,1,username)
        ibm_db.bind_param(stmt,2,password)
        ibm_db.execute(stmt)
        account = ibm_db.fetch_assoc(stmt)
        print (account)
        if account:
            session['loggedin'] = True
```

```

        session['id'] = account['USERNAME']
        userid= account['USERNAME']
        session['username'] = account['USERNAME']
        msg = 'Logged in successfully !'

        msg = 'Logged in successfully !'
        return render_template('dashboard.html', msg = msg)
    else:
        msg = 'Incorrect username / password !'
    return render_template('login.html', msg = msg)

```

```

@app.route('/register', methods =['GET', 'POST'])
def register():
    msg = ''
    if request.method == 'POST' :
        username = request.form['username']

        password = request.form['password']
        email = request.form['email']
        sql = "SELECT * FROM users WHERE username =?"
        stmt = ibm_db.prepare(conn, sql)
        ibm_db.bind_param(stmt,1,username)
        ibm_db.execute(stmt)
        account = ibm_db.fetch_assoc(stmt)
        print(account)
        if account:
            msg = 'Account already exists !'
        elif not re.match(r'^@+@[^@]+\.[^@]+', email):
            msg = 'Invalid email address !'
        elif not re.match(r'[A-Za-z0-9]+', username):
            msg = 'name must contain only characters and numbers !'
        else:
            insert_sql = "INSERT INTO  users VALUES (?, ?, ?)"
            prep_stmt = ibm_db.prepare(conn, insert_sql)
            ibm_db.bind_param(prepare_stmt, 1, username)
            ibm_db.bind_param(prepare_stmt, 2, password)
            ibm_db.bind_param(prepare_stmt, 3, email)
            ibm_db.execute(prepare_stmt)
            msg = 'You have successfully registered !'
    elif request.method == 'POST':
        msg = 'Please fill out the form !'
    return render_template('register.html', msg = msg)

```

```

@app.route('/dashboard')
def dash():

```

```

        return render_template('dashboard.html')

@app.route('/apply', methods = ['GET', 'POST'])
def apply():
    msg = ''
    if request.method == 'POST' :
        username = request.form['username']
        email = request.form['email']
        qualification= request.form['qualification']
        skills = request.form['skills']
        jobs = request.form['s']
        company=request.form['c']
        sql = "SELECT * FROM job WHERE username =?"
        stmt = ibm_db.prepare(conn, sql)
        ibm_db.bind_param(stmt,1,username)
        ibm_db.execute(stmt)
        account = ibm_db.fetch_assoc(stmt)
        print(account)
        if account:
            msg = 'there is only 1 job position! for you'
            return render_template('apply.html', msg = msg)
        else:
            insert_sql = "INSERT INTO job VALUES (?, ?, ?, ?, ?, ?)"
            prep_stmt = ibm_db.prepare(conn, insert_sql)
            ibm_db.bind_param(prepare_stmt, 1, username)
            ibm_db.bind_param(prepare_stmt, 2, email)
            ibm_db.bind_param(prepare_stmt, 3, qualification)
            ibm_db.bind_param(prepare_stmt, 4, skills)
            ibm_db.bind_param(prepare_stmt, 5, jobs)
            ibm_db.bind_param(prepare_stmt, 6, company)
            ibm_db.execute(prepare_stmt)
            msg='You have successfully applied for the job'
    elif request.method == 'POST':
        msg = 'Please fill out the Application !'
        return render_template('apply.html', msg = msg)

@app.route('/display')
def display():

    arr = []
    sql = "SELECT * FROM job"
    stmt = ibm_db.exec_immediate(conn,sql)
    dictionary = ibm_db.fetch_assoc(stmt)
    while dictionary != False:
        inst={}
        inst['USERNAME']=dictionary['USERNAME']
        inst['EMAIL']=dictionary['EMAIL']
        inst['QUALIFICATION']=dictionary['QUALIFICATION']
        inst['SKILLS']=dictionary['SKILLS']

```

```

        inst['S']=dictionary['JOB']
        inst['C']=dictionary['COMPANY']
        arr.append(inst)
        dictionary = ibm_db.fetch_assoc(stmt)
    print(arr)
    return render_template('display.html',arr=arr)

@app.route('/logout')

def logout():
    session.pop('loggedin', None)
    session.pop('username', None)
    return render_template('index.html')

if __name__ == '__main__':
    app.run(host="0.0.0.0",port=8080)

```

Templates

Index.html

```

<!DOCTYPE html>
<html lang="en" >
<head>
    <meta charset="UTF-8">
    <title>Jobportal||Login Page</title>
    <link href="https://fonts.googleapis.com/css?family=Rubik&display=swap"
rel="stylesheet">
<link rel="stylesheet" href="static/logincss.css">
</head>
<body>

<div class="container">
    <div class="left-section">
        <div class="header">
            <h2>JOB-FINDER</h2><br><br><br>
            <h1 class="animation a1">Welcome Back!</h1>
            <h4 class="animation a2">Login for entering dashboard.</h4>
        </div>
        <form action="\login" method="post">

```

```

    <div class="form">
    <div class="msg">{{msg}}</div>
        <input type="text" class="form-field animation a3" placeholder="Username"
id="username" name="username">
        <input type="password" class="form-field animation a4"
placeholder="Password" id="password" name="password"><br>

        <button type="submit" class="animation a5">LOGIN</button><br>
        <p class="animation a6">Already have an account?&nbsp;&nbsp;&nbsp;<a
href="register" style="color:blue">SignUp</a></p>

    </div>
    </form>
</div>
<div class="right-section"></div>
</div>

</body>
</html>

```

Register.html

```

<!DOCTYPE html>
<html lang="en" dir="ltr">
    <head>
        <meta charset="UTF-8">
        <title>Register page</title>
        <link rel="stylesheet" href="static/login1css.css">

        <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.15.3/css/all.min.css">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
    </head>

    <body>

        <div class="container">
            <input type="checkbox" id="flip">
            <div class="cover">
                <div class="front">
                    

```

```

        <div class="text">
            <span class="text-1">Complete miles of journey<br> with one
step</span>
            <span class="text-2">Let's get started</span>
        </div>
    </div>
</div>
<div class="forms">
    <div class="form-content">
        <div class="login-form">
            <div class="title">Register</div>
            <form action="/register" method="post">
                <div class="msg">{{ msg }}</div>
                <div class="input-boxes">
                    <div class="input-box">
                        <i class="fas fa-user"></i>
                        <input type="text" placeholder="Enter Username" id="username"
name="username" required>
                    </div>
                    <div class="input-box">
                        <i class="fas fa-envelope"></i>
                        <input type="password" placeholder="Enter the password"
id="password" name="password" required>
                    </div>
                    <div class="input-box">
                        <i class="fas fa-lock"></i>
                        <input type="text" placeholder="Enter your email" id="email"
name="email" required>
                    </div>
                    <div class="button input-box">
                        <button type="submit" id="button" class="btn btn-primary">
Register </button>
                    </div>
                </form>
                <div class="text sign-up-text">Already have an account? <a
href="/login">Login now</a></div>
            </div>
        </div>
    </div>
</body>
</html>

```

login.html

```

<!DOCTYPE html>
<html lang="en" >

```

```

<head>
  <meta charset="UTF-8">
  <title>Jobportal||Login Page</title>
  <link href="https://fonts.googleapis.com/css?family=Rubik&display=swap"
rel="stylesheet">
<link rel="stylesheet" href="static/logincss.css">
</head>
<body>

<div class="container">
  <div class="left-section">
    <div class="header">
      <h2>JOB-FINDER</h2><br><br><br>
      <h1 class="animation a1">Welcome Back!</h1>
      <h4 class="animation a2">Login for entering dashboard.</h4>
    </div>
    <form action="\login" method="post">
      <div class="form">
        <div class="msg">{{msg}}</div>
        <input type="text" class="form-field animation a3" placeholder="Username"
id="username" name="username">
        <input type="password" class="form-field animation a4"
placeholder="Password" id="password" name="password"><br>

        <button type="submit" class="animation a5">LOGIN</button><br>
        <p class="animation a6">Already have an account?&nbsp;&nbsp;&nbsp;<a
href="register" style="color:blue">SignUp</a></p>

      </div>
    </form>
  </div>
  <div class="right-section"></div>
</div>

</body>
</html>

```

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

  <!--font-->

```

```

<link
href="https://fonts.googleapis.com/css2?family=Noto+Serif&family=Nunito&display=sw
ap" rel="stylesheet">
<!--icons-->
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.15.3/css/all.min.css" >

<title>JOB-FINDER||Display</title>
<div class="msg">{{ msg }}</div>
</head>
<body>
<!--navbar-->
<nav class="navbar">
<h2 class="navbar-logo"><a href="#"></a></h2>
<div class="navbar-menu">
<a type="button" id="donate" href="/logout">LOGOUT</a>
<a type="button" id="sponsor" href="apply">Apply Job</a>
<a type="button" id="sponsor" href="display">Details</a>
</div>
<div class="menu-toggle">
<span class="bar"></span>
<span class="bar"></span>
<span class="bar"></span>
</div>
</nav>
<header>
<h1 class="header-title">
<br> YOUR INFORMATIONS ARE <br> <span>LISTED BELOW</span>

</h1>

</header>
<center>
<br> <h1>Your informations</h1>

</center>
<section>
<center>
<h3>With our Job portal Module, online job application process is possible.
<br> Job portals are managed where vacancies are filled in. <br> Jpb seekers can
log in and apply for jobs online by simply choosing the job<br> All of the details
that are required may be filled in by the user.</h3>
</center>
</section>
<section>
<div class="contentBx">
<div class="card">

```



```

<center>
  <h2>Information</h2>
  <table border="1" style="width:350px; height:250px">
    <thead>
      <td>User name</td>
      <td>email</td>
      <td>qualification</td>
      <td>Skills</td>
      <td>Role</td>
      <td>Company</td>
    </thead>
    {% for list in arr %}
      <tr>
        <td>{{ arr["username"] }}</td>
        <td>{{ arr["email"] }}</td>
        <td>{{ arr["qualification"] }}</td>
        <td>{{ arr["skills"] }}</td>
        <td>{{ arr["s"] }}</td>
        <td>{{ arr["c"] }}</td>
      </tr>
    {% endfor %}
  </table>
</center>

</div>
</div>
</div>
</section>
  <BR><footer>
    <div class="footer-wrapper">
      <h3>Team Details</h3>
      <p>Team ID:PNT2022TMID27335</p><br>
      <p>Skill/Job Recommender Application</p>
      <div class="social-media">
        <a href="#"><i class="fab fa-facebook-f"></i></a>
        <a href="#"><i class="fab fa-linkedin-in"></i></a>
        <a href="#"><i class="fab fa-youtube"></i></a>
      </div>

    </div>

    <div class="footer-wrapper">
      <h4>Authorship</h4>
      <a href="#">Balaji</a>
      <a href="#">Doreen</a>
      <a href="#">Kavipriya</a>
      <a href="#">Gowtham</a>
    </div>
  </footer>
</div>

```

```

        </div>

        <div class="footer-wrapper">
            <h4>Contacts</h4>
            <a href="#">balajininja77@gmail.com</a>
            <a href="#">doreenbelinta2002@gmail.com</a>
            <a href="#">kaviloki02@gmail.com</a>
            <a href="#">khgowtham55@gmail.com</a>

        </div>

        <div class="footer-wrapper">
            <h4>Account</h4>
            <a href="register">Signup/Register</a>
            <a href="login">Signin/Login</a>
        </div>
        <div class="footer-wrapper">
            <h4>Community</h4>
            <a href="#">Community</a>
            <a href="#">Invite a friend</a>
        </div>

    </footer>

</body>
</html>

```

Apply.html

```

<!DOCTYPE html>
<html lang="en" dir="ltr">
    <head>
        <meta charset="UTF-8">
        <title>Register page</title>
        <link rel="stylesheet" href="static/login1css.css">

        <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.3/css/all.min.css">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
    </head>
    <body>

        <div class="container">
            <input type="checkbox" id="flip">
            <div class="cover">
                <div class="front">
                    
                    <div class="text">

```

```

        <span class="text-1">Complete miles of journey<br> with one
step</span>
        <span class="text-2">Let's get started</span>
    </div>
</div>
</div>
<div class="forms">
    <div class="form-content">
        <div class="login-form">
            <div class="title">APPLY NOW</div>
            <div class="msg">{{ msg }}</div>
            <form action="/apply" method="post">
                <div class="input-boxes">
                    <div class="input-box">
                        <i class="fas fa-user"></i>
                        <input type="text" placeholder="Enter Username" id="username"
name="username"required>
                    </div>
                    <div class="input-box">
                        <i class="fas fa-envelope"></i>
                        <input type="email" placeholder="Enter your email" id="email"
name="email" required>
                    </div>
                    <div class="input-box">
                        <i class="fas fa-lock"></i>
                        <input type="text" placeholder="Enter your qualification"
id="qualification" name="qualification" required>
                    </div>
                    <div class="input-box">
                        <i class="fas fa-envelope"></i>
                        <input type="skills" placeholder="Enter your skills" id="skills"
name="skills"required>
                    </div>
                </div>
                <div class="input-box">
                    Select the role: <select name ="s" value="Select the role">
<option value ="Business development">Manager</option>
<option value ="Web Designer">Web designer</option>
<option value ="Stack Developer">Stack Developer</option>
<option value ="Graphic Designer">Graphic Designer</option>
<option value ="Asst Manager">Asst Manager</option>
<option value ="Intern">intern</option>
<option value ="Php Developer">Php Developer</option>
<option value ="Technical Recruiter">Recruiter</option>
</select>
                </div>
                <div class="input-box">
                    Select the Company:<select name ="c" value="In company">
<option value ="updev">Updev</option>
<option value ="Juiceup">JuiceUp</option>

```

```

<option value ="TeachNook">TeachNook</option>
<option value ="Blupor">Blupor</option>
<option value ="Brand Maker">Brand Maker</option>
<option value ="JobWorx">Job Worx</option>
<option value ="Spn works">SPN works</option>
<option value ="7 seas">7 Seas</option>
<option value ="Upon">Upon</option>
</select>
</div>

    <div class="button input-box">
        <button type="submit" id="button" class="btn btn-primary">
Submit</button>
    </div>
    <div class="text sign-up-text">click here to go to dashboard <a
href="dashboard">Dashboard!</a></div>
    </div>
</form>
</div>

</div>
</div>
</body>
</html>

```

Dashboard.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">
    <link rel="stylesheet" href="static/dash.css">
    <!--font-->
    <link
href="https://fonts.googleapis.com/css2?family=Noto+Serif&family=Nunito&display=sw
ap" rel="stylesheet">
    <!--icons-->
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.15.3/css/all.min.css" >

```

```

<title>JOB-FINDER | Dashboard</title>
</head>
<body>
  <!--navbar-->
  <nav class="navbar">
    <h2 class="navbar-logo"><a href="#"></a></h2>
    <div class="navbar-menu">
      <a type="button" id="donate" href="/logout">LOGOUT</a>
      <a type="button" id="sponsor" href="apply">Apply Job</a>
      <a type="button" id="sponsor" href="display">Details</a>
    </div>
    <div class="menu-toggle">
      <span class="bar"></span>
      <span class="bar"></span>
      <span class="bar"></span>
    </div>
  </nav>
  <header>
    <h1 class="header-title">
      <br> WELCOME TO <br> <span>DASHBOARD</span>
    </h1>
  </header>
  <br><center><h1>The Available Jobs are Listed below</h1></center>
  <section class="blog" id="blog" >
    <h1 class="section-title">Available Jobs</h1>
    <p>See what are the available Jobs</p>
    <div class="blog-wrapper">
      <div class="blog-card">
        
        <div class="blog-detail">
          <h4>Business Development Manager</h4>
          <p>Salary -4 to 7lpa<br>Job Type-Full-time/Regular/<br>Strong
negotiation skills with a proven ability to seek.
Comfortable working hands-on in a fast-paced start-up environment</p>
          <hr class="divider">
          <a href="apply" class="btn btn-primary">Apply Now</a>
          </div>
        </div>
        <div class="blog-card">
          
          <div class="blog-detail">
            <h4>Web Designer</h4>
            <p>Wanted Web Designer and Developer Location:- Chennai Experience:-
0-1 year<br>The skills are Content Management Systems (CMS) ,
Responsive design and
User Experience</p>

```

```

        <hr class="divider">
        <a href="apply" class="btn btn-primary">Apply Now</a>
        </hr>
    </div>
</div>
<div class="blog-card">
    
    <div class="blog-detail">
        <h4>MEAN Stack Develepor</h4>
        <p>Salary:4 to 6lpa<br>Experience creating front end
application.Building interactive consumer data from multiple systems and RESTfully
abstract to the UI through a Node.js backend</p>
        <hr class="divider">
        <a href="apply" class="btn btn-primary">Apply Now</a>
        </hr>
    </div>
</div>
<div class="blog-card">
    
    <div class="blog-detail">
        <h4>Graphic Designer</h4>
        <p>Full time<br>The skills are Have to design Social Media Posts for
Linkedin, Facebook, Instagram, Youtube, and Twitter with the following
criteria.</p>
        <hr class="divider">
        <a href="apply" class="btn btn-primary">Apply Now</a>
        </hr>
    </div>
</div>
<div class="blog-card">
    
    <div class="blog-detail">
        <h4>iOS Developer</h4>
        <p>Full time<br>Salary-3 to 4lpa<br>Account Must have experience in
Objective-c and swift
experience 1-3 year
</p>
        <hr class="divider">
        <a href="apply" class="btn btn-primary">Apply Now</a>
        </hr>
    </div>
</div>
<div class="blog-card">
    
    <div class="blog-detail">
        <h4>Assistant Manager</h4>
        <p>Full time <br>We are looking for multiple positions in FP&A and
F&A, candidate should have 3-5 years of experience in the related field</p>
        <hr class="divider">

```

```

        <a href="apply" class="btn btn-primary">Apply Now</a>
    </hr>
</div>
</div>
<div class="blog-card">
    
    <div class="blog-detail">
        <h4>Intern</h4>
        <p>Internship<br>Virtual internship for 2 months in collaboration with
Top MNC COMPANIES WITH INDUSTRIAL EXPERIENCE</p>
        <hr class="divider">
        <a href="apply" class="btn btn-primary">Apply Now</a>
    </hr>
    </div>
</div>
<div class="blog-card">
    
    <div class="blog-detail">
        <h4>Senior PHP Developer</h4>
        <p>Expertise in PHP, JavaScript, HTML5, CSS, MySQL, NoSQL.

Strong knowledge in Yii Framework, MVC, jQuery and responsive web development.
</p>
        <hr class="divider">
        <a href="apply" class="btn btn-primary">Apply Now</a>
    </hr>
    </div>
</div>
<div class="blog-card">
    
    <div class="blog-detail">
        <h4>Technical Recruiter</h4>
        <p> 2+ years of recruiting experience for US clients.Outstanding
communication skills.Exceptional analytical skills
Demonstrated history of success</p>
        <hr class="divider">
        <a href="apply" class="btn btn-primary">Apply Now</a>
    </hr>
    </div>
</div>
</div>
</section>
<footer>
    <div class="footer-wrapper">
        <h3>Team Details</h3>
        <p>Team ID:PNT2022TMID27335</p><br>
        <p>Skill/Job Recommender Application</p>
        <div class="social-media">
            <a href="#"><i class="fab fa-facebook-f"></i></a>

```

```

        <a href="#"><i class="fab fa-linkedin-in"></i></a>
        <a href="#"><i class="fab fa-youtube"></i></a>
    </div>

</div>

<div class="footer-wrapper">
    <h4>Authorship</h4>
    <a href="#">Balaji</a>
    <a href="#">Doreen</a>
    <a href="#">Kavipriya</a>
    <a href="#">Gowtham</a>
</div>

<div class="footer-wrapper">
    <h4>Contacts</h4>
    <a href="#">balajininja77@gmail.com</a>
    <a href="#">doreenbelinta2002@gmail.com</a>
    <a href="#">kaviloki02@gmail.com</a>
    <a href="#">khgowtham55@gmail.com</a>

</div>

<div class="footer-wrapper">
    <h4>Account</h4>
    <a href="Register.html">Signup/Register</a>
    <a href="login.html">Signin/Login</a>
</div>
<div class="footer-wrapper">
    <h4>Community</h4>
    <a href="#">Community</a>
    <a href="#">Invite a friend</a>
</div>

</footer>
<script>
    window.watsonAssistantChatOptions = {
        integrationID: "dc26fd31-fbb6-4063-a505-c988e02b1bc8", // The ID of this
integration.
        region: "us-south", // The region your integration is hosted in.
        serviceInstanceID: "62b0f6b7-2d10-41c0-a3a4-180f9931cbe2", // 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>

```

Static

Styles.css

```

:root{
  --primaryColor:#0076de;
  --whiteColor: #fff;
  --blackColor:#333;
  --greyColor: #f6f8fa;
  --labelColor:#64b1f5;
  --yellowColor:#ffd723;
  --darkColor:#000066;
  --lightColor:#e0e0e0;
}

*{
  margin: 0;
  padding: 0;
  box-sizing: border-box;
  outline: none;
  font-family:'Nunito',sans-serif;
}

body{
  width:100%;
  height:auto;
}

h1{
  line-height:1.5;
}

.navbar{
  width:100%;
  height:60px;
  display:flex;
  justify-content: space-between;
  position: fixed;

```

```
    top:0;
    left:0;
    padding: 1rem 2.5rem;
    z-index: 10;
    color: var(--whiteColor);
    background: black;
}

.navbar-logo > a {
    letter-spacing: 2.5;
    text-decoration: none;
    color: var(--yellowColor);
    text-shadow: 2px 2px red;
}

.navbar-logo img{
    position:absolute;
    margin-top:-12px;
    margin-left:-2px;
}

.navbar-menu {
    width: 400px;
    display:flex;
    justify-content: space-between;
}

.navbar-menu > a {
    color: var(--whiteColor);
    text-decoration: none;
}

.menu-toggle{
    display:none;
}

.menu-toggle .bar{
    width: 15px;
    height: 2px;
    margin: 3px auto;
    transition: all 0.3 ease-in-out;
    background-color: var(--whiteColor);
    cursor: pointer;
}

header{
    width: 100%;
```

```
    height: 80%;
    background-image: url("images/header-image.jpg");
    background-position: center;
    background-repeat: no-repeat;
    background-size: cover;
    position: relative;
}

.header-title{
    position: absolute;
    top: 4rem;
    left: 3 rem;
    letter-spacing: 3;
    font-weight: bolder;
    font-size: 50px;
    color: var(--blackColor);
    margin-left: 30px;
}

.header-title > span{
    color: var(--blackColor);
}

.header-title > marquee{
    color: var(--blackColor);
    text-shadow: 2px 2px 5px red;
    font-size: 0;
}

.search-wrapper{
    width: 60%;
    margin: auto;
    min-width: 300px;
    height: 3.5rem;
    position: relative;
}

.search-box{
    width: 100%;
    position: absolute;
    background-color: var(--greyColor);
```

```
    box-shadow: rgba(2,11,20,0.2) 0px 5px 15px;
    top: -45%;
    height: 100%;
    width: 100%;
}

.search-card{
    display: flex;
    justify-content: space-between;
    height: 100%;
    padding: 0.5 rem;
}

.search-input{
    height: 100%;
    width: 100%;
    border: none;
    padding: 0.5rem;
    background-color: var(--lightColor);
    font-size: large;
}

.search-button{
    width: 200px;
    background: var(--primaryColor);
    border: none;
    color: var(--whiteColor);
    cursor: pointer;
    font-size: large;
}

.filter-box{
    width: 100%;
    height: auto;
    font-size: 0.8rem;
    width: 60%;
    min-width: 300px;
    margin: auto;
}

.filter-dropdown{
    width: 100%;
    border-bottom: 3px solid var(--labelColor);
    display: flex;
    justify-content: flex-start;
    flex-wrap: wrap;
    gap: 0.9rem;
```

```
}

.filter-select{
  border:none;
  padding:0.2rem;
  font-size:large;
}

.filter-select:hover{
  background: var(--greyColor);
}

.filter-chosen{
  width: 100%;
  padding: 0.3rem 0;
  display: flex;
  flex-wrap: wrap;
  gap: 0.5rem;
}

.chosen-card{
  background: var(--primaryColor);
  padding: 0.2rem 0.5rem;
  border-radius: 20px;
  color: var(--whiteColor);
  cursor: pointer;
}

.job-list{
  margin: 5%;
  padding: 1rem;
  background-color:var(--greyColor);
}

.job-card{
  display:flex;
  justify-content: space-between;
  padding: 1rem;
  margin: 1rem;
  min-height: 100px;
  align-items: center;
  background-color: var(--whiteColor);
  box-shadow: rgba(0,0,0,0.16) 0px 1px 4px;
  cursor: pointer;
}
```

```
.job-card:hover{  
  box-shadow: rgba(0,0,0,0.1) 0px 4px 12px;  
}
```

```
.job-name{  
  display:flex;  
}
```

```
.job-profile{  
  width: 60px;  
  height: 60px;  
  margin: 0.5rem;  
}
```

```
.job-detail{  
  padding: 0 10px;  
}
```

```
.job-detail > h4{  
  color:var(--primaryColor);  
  font-size:0.9rem;  
}
```

```
.job-detail{  
  padding:0 10px;  
}
```

```
.job-detail > h4{  
  color: var(--primaryColor);  
  font-size: 0.9rem;  
}
```

```
.job-detail > p{  
  display: -webkit-box;  
  overflow: hidden;  
  -webkit-line-clamp: 2;  
  -webkit-box-orient: vertical;  
  
}
```

```
.job-label{  
  display: flex;  
  flex-wrap: wrap;  
  width: 20px;  
  
}
```

```
.job-label > a{  
  padding: 0.5rem;  
  margin:0.5rem;
```

```
    color: var(--whiteColor);
    text-decoration: none;
    border-radius: 20px;
    font-size: 0.8rem;
}

.label-a{
    background-color: var(--yellowColor);
}

.label-b{
    background-color: var(--primaryColor);
}

.label-c{
    background-color: var(--blackColor);
}

.job-more{
    display: block;
    padding: 0.3rem 2rem;
    margin: 20px auto;
    width: 250px;
    background-color: transparent;
    color: var(--primaryColor);
    border: 1px solid var(--primaryColor);
    border-radius: 20px;
    cursor: pointer;
}

.job-more:hover{
    background-color: var(--primaryColor);
    color: var(--whiteColor);
}

.join{
    width: 100%;
    height: 350px;
    background-image: url("images/join-bg.jpg");
    background-position: center;
    background-repeat: no-repeat;
    background-size: cover;
    color: var(--whiteColor);
    display: flex;
    flex-wrap: wrap;
    justify-content: space-between;
    padding: 1rem 3rem;
```

```
    align-items:center;
    position:relative;
}

.join::before{
    content: "";
    position: absolute;
    top:0;
    left:0;
    right:0;
    bottom:0;
    background: linear-gradient(180deg,rgba(0,85,177,0.6) 0%,rgba(0,122,255,0.5)
100%);
    linear-gradient:(180deg, rgba(0,122,255,0.65) 0%, transparent 100%);
    z-index:1;
}

.join-detail{
    min-width: 280px;
    width:50%;
    z-index: 2;
    margin-bottom: 1rem;
}

.join-detail > h1{
    font-size: 36px;
    letter-spacing: 2;
}

.join-button{
    width: 200px;
    padding:1rem;
    border:none;
    color: var(--blackColor);
    background-color:var(--yellowColor);
    box-shadow: rgba(0,0,0,0.35) 0px 5px 15px;
    z-index:2;
    cursor:pointer;
}

.join-button:hover{
    background: transparent;
    border:2px solid var(--yellowColor);
    color: var(--yellowColor);
}

.featured{
```



```
width:100%;
height: auto;
text-align: center;
padding: 5rem 1rem;
background-color: var(--greyColor);
}

.section-title{
margin-bottom: 0.5rem;
letter-spacing:1.5;
font-size:36px;
}

.featured-wrapper{
display:grid;
grid-template-columns: repeat(auto-fit);
gap:2rem;
align-items: center;
width: 100%;
padding:2% 10%;
}

.featured-card{
display:flex;
flex-direction:column;
align-items:center;
padding: 1rem;
background-color: var(--whiteColor);
box-shadow: rgba(0,0,0,0.16) 0px 1px 4px;
}

.featured-card:hover{
box-shadow: rgba(100, 100, 111, 0.2) 0px 7px 29px 0px;
}

.featured-button{
border: 1px solid var(--primaryColor);
background-color: transparent;
margin-top: 0.5rem;
padding: 3px 10px;
cursor: pointer;
color: var(--primaryColor);
}

.featured-button:hover{
background-color: var(--primaryColor);
color: var(--whiteColor);
}

.featured-image{
```

```
    height: 30px;
    margin-bottom: 0.2rem;
}

.testimoni {
    width: 100%;
    text-align: center;
    padding: 5rem 1rem;
    background-color: #66b2ff;
    color: var(--darkColor);
}

.swiper{
    width: 30%;
    height: 60%;
    margin-top: 2rem;
}

.swiper-slide{
    background: var(--whiteColor);
    display: flex;
    flex-direction: column;
    justify-content: center;
    padding: 2rem 1rem;
    box-shadow: rgba(50,50,93,0.25) 0px 13px 27px -5px, rgba(0,0,0,0.3) 0px 8px
16px -8px;
    color: var(--blackColor);
}

.swiper-slide i{
    font-size: 40px;
    color: var(--yellowColor);
    margin-bottom: 1rem;
}

.swiper-slide h3{
    font-family: 'Noto-Serif', serif;
}

.testimoni-pic{
    padding: 1rem;
}

testimoni-pic img{
    display: block;
    margin: 1rem auto;
    width: 50px;
    height: 50px;
}
```

```
    object-fit: cover;
    border-radius: 50%;
}

.blog{
    width: 100%;
    height: auto;
    text-align: center;
    padding: 5rem 1rem;
}

.blog-wrapper{
    display: flex;
    flex-wrap: wrap;
    justify-content: center;
    width: 100%;
    padding: 1rem;
}

.blog-card{
    width: 300px;
    height: auto;
    margin: 1rem;
    box-shadow: 0 1px 6px 0 rgb(49 53 59 / 12%);
    cursor: pointer;
}

.blog-img{
    width: 100%;
    height: 150px;
    object-fit: cover;
}

.blog-detail{
    padding: 20px;
}

.blog-detail h4{
    padding: 10px 0;
}

.divider{
    margin: 1rem 0;
    border: 0.5px solid var(--greyColor);
}

.blog-more{
    color: var(--primaryColor);
```

```
    text-decoration:none;
    font-size:0.9rem;

}

.blog-card:hover{
    box-shadow:rgba(5, 116, 239, 0.38) 0px 7px 29px 0px;
}

footer{
    width: 100%;
    display: flex;
    flex-wrap: wrap;
    justify-content: space-between;
    align-items:flex-start;
    background:var(--blackColor);
    color:var(--whiteColor);
    padding:3rem;
}

.footer-wrapper{
    display:flex;
    flex-direction:column;
    padding:0.5rem;
    justify-content:flex-start;
    align-items:flex-start;
}

.footer-wrapper h3,
.footer-wrapper h4{
    line-height:3;
    color:var(--yellowColor);
}

.footer-wrapper p{
    max-width:400px;
    line-height:1.5;
}

.social-media{
    margin-top:1rem;
}

.social-media a{
    text-decoration:none;
    color:var(--greyColor);
    margin-right:10px;
```

```
}
.footer-wrapper a{
  text-decoration:none;
  color:var(--greyColor);
  line-height:2;
}
.footer-wrapper a:hover{
  text-decoration:underline;
}

/* mobile screen*/
@media screen and (max-width:600px){
  .menu-toggle,
  .bar{
    display:block;
    z-index:3;

  }
  .menu-toggle.is-active .bar:nth-child(2){
    opacity:0;

  }
  .menu-toggle.is-active .bar:nth-child(1){
    transform:translateY(5px) rotate (45deg);

  }
  .menu-toggle.is-active .bar:nth-child(3){
    transform:translateY(-5px) rotate (-45deg);
  }
  .navbar-menu{
    flex-direction:column;
    position:absolute;
    top:0;
    bottom:0;
    left:0;
    width:100%;
    height:100vh;
    text-align:center;
    background-color:var(--blackColor);
    display:none;
    padding:5rem;
  }
  .navbar-menu.active{
    display:flex;

  }
}
```

```

.navbar-menu a{
  color:varchar(--whiteColor);
  padding:1.5rem;

}

.header-title{
  font-size:38px;

}

}

```

Login.css

```

/* Google Font Link */
@import
url('https://fonts.googleapis.com/css2?family=Poppins:wght@200;300;400;500;600;700
&display=swap');
*{
  margin: 0;
  padding: 0;
  box-sizing: border-box;
  font-family: "Poppins" , sans-serif;
}
body{
  min-height: 100vh;
  display: flex;
  align-items: center;
  justify-content: center;

  background-image: url(images/login.jpg);
  background-size: cover;
  background-repeat: no-repeat;
  background-position: center;
  padding: 30px;
}

.container{
  position: relative;
  max-width: 850px;
  width: 100%;
  background: #fff;
  padding: 40px 30px;
  box-shadow: 0 5px 10px rgba(0,0,0,0.2);
  perspective: 2700px;
}

```

```
.container .cover{
  position: absolute;
  top: 0;
  left: 50%;
  height: 100%;
  width: 50%;
  z-index: 98;
  transition: all 1s ease;
  transform-origin: left;
  transform-style: preserve-3d;
}
.container #flip:checked ~ .cover{
  transform: rotateY(-180deg);
}
.container .cover .front,
.container .cover .back{
  position: absolute;
  top: 0;
  left: 0;
  height: 100%;
  width: 100%;
}
.cover .back{
  transform: rotateY(180deg);
  backface-visibility: hidden;
}
.container .cover::before,
.container .cover::after{
  content: '';
  position: absolute;
  height: 100%;
  width: 100%;
  background: #331900;
  opacity: 0.5;
  z-index: 12;
}
.container .cover::after{
  opacity: 0.3;
  transform: rotateY(180deg);
  backface-visibility: hidden;
}
.container .cover img{
  position: absolute;
  height: 100%;
  width: 100%;
  object-fit: cover;
  z-index: 10;
}
.container .cover .text{
```

```
position: absolute;
z-index: 130;
height: 100%;
width: 100%;
display: flex;
flex-direction: column;
align-items: center;
justify-content: center;
}
.cover .text .text-1,
.cover .text .text-2{
  font-size: 26px;
  font-weight: 600;
  color: #fff;
  text-align: center;
}
.cover .text .text-2{
  font-size: 15px;
  font-weight: 500;
}
.container .forms{
  height: 100%;
  width: 100%;
  background: #fff;
}
.container .form-content{
  display: flex;
  align-items: center;
  justify-content: space-between;
}
.form-content .login-form,
.form-content .signup-form{
  width: calc(100% / 2 - 25px);
}
.forms .form-content .title{
  position: relative;
  font-size: 24px;
  font-weight: 500;
  color: #333;
}
.forms .form-content .title:before{
  content: '';
  position: absolute;
  left: 0;
  bottom: 0;
  height: 3px;
  width: 25px;
  background: #331900;
}
```



```
.forms .signup-form .title:before{
  width: 20px;
}
.forms .form-content .input-boxes{
  margin-top: 30px;
}
.forms .form-content .input-box{
  display: flex;
  align-items: center;
  height: 50px;
  width: 100%;
  margin: 10px 0;
  position: relative;
}
.form-content .input-box input{
  height: 100%;
  width: 100%;
  outline: none;
  border: none;
  padding: 0 30px;
  font-size: 16px;
  font-weight: 500;
  border-bottom: 2px solid rgba(0,0,0,0.2);
  transition: all 0.3s ease;
}
.form-content .input-box input:focus,
.form-content .input-box input:valid{
  border-color: #331900;
}
.form-content .input-box i{
  position: absolute;
  color: #331900;
  font-size: 17px;
}
.forms .form-content .text{
  font-size: 14px;
  font-weight: 500;
  color: #333;
}
.forms .form-content .text a{
  text-decoration: none;
}
.forms .form-content .text a:hover{
  text-decoration: underline;
}
.forms .form-content .button{
  color: #fff;
  margin-top: 40px;
}
```

```
.forms .form-content .button input{
  color: #fff;
  background: #0000ff;
  border-radius: 6px;
  padding: 0;
  cursor: pointer;
  transition: all 0.4s ease;
}
.forms .form-content .button input:hover{
  background: #0000ff;
}
.forms .form-content label{
  color: #331900;
  cursor: pointer;
}
.forms .form-content label:hover{
  text-decoration: underline;
}
.forms .form-content .login-text,
.forms .form-content .sign-up-text{
  text-align: center;
  margin-top: 25px;
}
.container #flip{
  display: none;
}
@media (max-width: 730px) {
  .container .cover{
    display: none;
  }
  .form-content .login-form,
  .form-content .signup-form{
    width: 100%;
  }
  .form-content .signup-form{
    display: none;
  }
  .container #flip:checked ~ .forms .signup-form{
    display: block;
  }
  .container #flip:checked ~ .forms .login-form{
    display: none;
  }
}
```

Display.css

```
/* our focus */
.our-focus .container {
    margin-top: 3rem !important;
}

.our-focus .row {
    margin-top: 1.5rem !important;
}

.our-focus .card {
    border: none !important;
}

.our-focus #focus-first {
    margin-right: 80px;
}

.our-focus #focus-second {
    margin-right: 90px;
}
```

Dash.css

```
:root {
    --primaryColor: #0076de;
    --whiteColor: #fff;
    --blackColor: #333;
    --greyColor: #f6f8fa;
    --labelColor: #64b1f5;
    --yellowColor: #ffd723;
    --darkColor: #000066;
    --lightColor: #e0e0e0;
}

* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    outline: none;
    font-family: 'Nunito', sans-serif;
}

body {
    width: 100%;
    height: auto;
}

h1 {
```

```
    line-height:1.5;
}

.navbar{
    width:100%;
    height:60px;
    display:flex;
    justify-content: space-between;
    position: fixed;
    top:0;
    left:0;
    padding: 1rem 2.5rem;
    z-index: 10;
    color: var(--whiteColor);
    background: black;
}

.navbar-logo > a {
    letter-spacing: 2.5;
    text-decoration: none;
    color: var(--yellowColor);
    text-shadow: 2px 2px red;
}

.navbar-logo img{
    position:absolute;
    margin-top:-12px;
    margin-left:-2px;
}

.navbar-menu {
    width: 400px;
    display:flex;
    justify-content: space-between;
}

.navbar-menu > a {
    color: var(--whiteColor);
    text-decoration: none;
}

.menu-toggle{
    display:none;
}

.menu-toggle .bar{
    width: 15px;
```

```
    height: 2px;
    margin: 3px auto;
    transition: all 0.3 ease-in-out;
    background-color: var(--whiteColor);
    cursor: pointer;
}

header{
    width: 100%;
    height: 89%;
    background-image: url("images/headerimg.jpg");
    background-position: center;
    background-repeat: no-repeat;
    background-size: cover;
    position: relative;
}

.header-title{
    position: absolute;
    top: 7rem;
    left: 3 rem;
    letter-spacing: 3;
    font-weight: bolder;
    font-size: 52px;
    color: var(--blackColor);
    margin-left: 30px;
}

.header-title > span{
    color: var(--darkColor);
    text-shadow: 2px 2px 5px #0066cc;
}

.header-title > marquee{
    color: var(--blackColor);
    text-shadow: 2px 2px 5px red;
    font-size: large;
}

.blog{
    width: 100%;
    height: auto;
    text-align: center;
    padding: 7rem 2rem;
```

```
}

.blog-wrapper{
  display:flex;
  flex-wrap: wrap;
  justify-content:center;
  width:100%;
  padding: 1rem;
}

.blog-card{
  width:300px;
  height:auto;
  margin:1rem;
  box-shadow:0 1px 6px 0 rgb(49 53 59 / 12%);
  cursor:pointer;
}

.blog-img{
  width:100%;
  height:150px;
  object-fit:cover;
}

.blog-detail{
  padding:20px;
}

.blog-detail h4{
  padding:10px 0;
}

}

.divider{
  margin:1rem 0;
  border:0.5px solid var(--greyColor);
}

.blog-more{
  color: var(--primaryColor);
  text-decoration:none;
  font-size:0.9rem;
}

}

.blog-card:hover{
  box-shadow:rgba(5, 116, 239, 0.38) 0px 7px 29px 0px;
}

footer{
```

```
width: 100%;
display: flex;
flex-wrap: wrap;
justify-content: space-between;
align-items: flex-start;
background: var(--blackColor);
color: var(--whiteColor);
padding: 3rem;
}

.footer-wrapper{
  display: flex;
  flex-direction: column;
  padding: 0.5rem;
  justify-content: flex-start;
  align-items: flex-start;
}

.footer-wrapper h3,
.footer-wrapper h4{
  line-height: 3;
  color: var(--yellowColor);
}
.footer-wrapper p{
  max-width: 400px;
  line-height: 1.5;
}

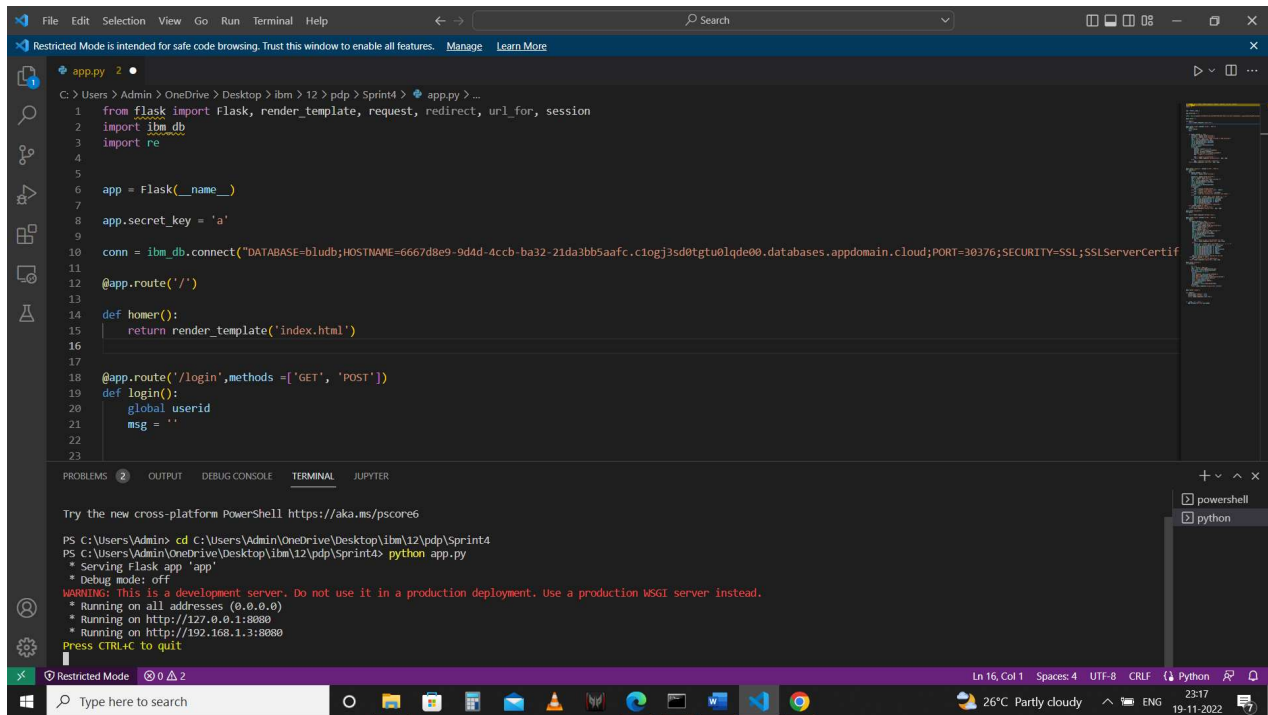
.social-media{
  margin-top: 1rem;
}

.social-media a{
  text-decoration: none;
  color: var(--greyColor);
  margin-right: 10px;
}

.footer-wrapper a{
  text-decoration: none;
  color: var(--greyColor);
  line-height: 2;
}

.footer-wrapper a:hover{
  text-decoration: underline;
}
```

Output: With flask and python we connect to the ibm database (Db2) and a local webpage is created with ip address - <http://127.0.0.1:8080>

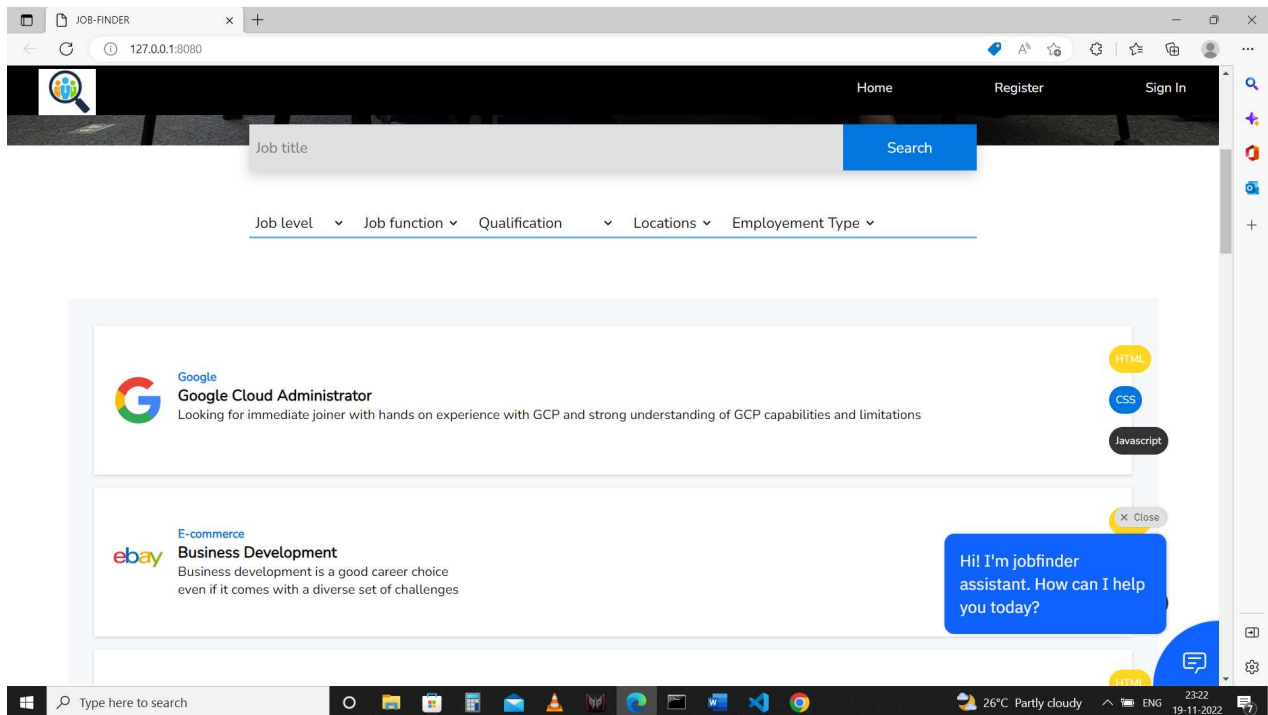


The screenshot shows a JupyterLab interface with a code editor on the left and a terminal on the right. The code in the editor is a Flask application that connects to an IBM Db2 database and serves a simple web page. The terminal shows the command to run the application and the output, including a warning that it is a development server.

```
1 from flask import Flask, render_template, request, redirect, url_for, session
2 import ibm_db
3 import re
4
5
6 app = Flask(__name__)
7
8 app.secret_key = 'a'
9
10 conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=6667d8e9-9d4d-4ccb-ba32-21da3bb5aafc.clogj3sd0tgu0lqde00.databases.appdomain.cloud;PORT=30376;SECURITY=SSL;SSLServerCertif
11
12 @app.route('/')
13
14 def homer():
15     return render_template('index.html')
16
17
18 @app.route('/login', methods=['GET', 'POST'])
19 def login():
20     global userid
21     msg = ''
22
23
```

Terminal output:

```
Try the new cross-platform PowerShell https://aka.ms/pscore6
PS C:\Users\Admin> cd C:\Users\Admin\OneDrive\Desktop\ibm\12\pdp\Sprint4
PS C:\Users\Admin\OneDrive\Desktop\ibm\12\pdp\Sprint4> python app.py
* Serving Flask app 'app'
* Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on all addresses (0.0.0.0)
* Running on http://127.0.0.1:8080
* Running on http://192.168.1.3:8080
Press CTRL+C to quit
```



7.2 Feature 2

Chatbot.html

```
<script>
  window.watsonAssistantChatOptions = {
    integrationID: "dc26fd31-fbb6-4063-a505-c988e02b1bc8", // The ID of this
integration.
    region: "us-south", // The region your integration is hosted in.
    serviceInstanceID: "62b0f6b7-2d10-41c0-a3a4-180f9931cbe2", // 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>

  <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
  <script src="https://cdn.jsdelivr.net/npm/swiper@8/swiper-
bundle.min.js"></script>
  <script src="static/app.js"></script>

</body>
</html>
```

Integration of sendgrid Sendgrid

```
import os
from sendgrid import SendGridAPIClient
from sendgrid.helpers.mail import Mail

# from_address we pass to our Mail object, edit with your name
FROM_EMAIL = 'Your_Name@SendGridTest.com'

def SendEmail(to_email):
    """ Send an email to the provided email addresses

    :param to_email = email to be sent to
```

```

:returns API response code
:raises Exception e: raises an exception """
message = Mail(
    from_email=FROM_EMAIL,
    to_emails=to_email,
    subject='A Test from SendGrid!',
    html_content='<strong>Hello there from SendGrid your URL is: ' +
        '<a href='\"https://github.com/cyberjive\">right here!</a></strong>')
try:
    sg = SendGridAPIClient(os.environ.get('SENDGRID_API_KEY'))
    response = sg.send(message)
    code, body, headers = response.status_code, response.body,
response.headers
    print(f"Response Code: {code} ")
    print(f"Response Body: {body} ")
    print(f"Response Headers: {headers} ")
    print("Message Sent!")
except Exception as e:
    print("Error: {0}".format(e))
return str(response.status_code)

if __name__ == "__main__":
    SendEmail(to_email=input("Email address to send to? "))

```

Deployment.yaml

```

apiVersion: apps/v1
kind: Deployment
metadata:
  name: flask-node-deployment
spec:
  replicas: 1
  selector:
    matchLabels:
      app: flasknode
  template:
    metadata:
      labels:
        app: flasknode
    spec:
      containers:
        - name: flasknode
          image: icr.io/jobfinder/invenscien
          imagePullPolicy: Always
          ports:
            - containerPort: 8080

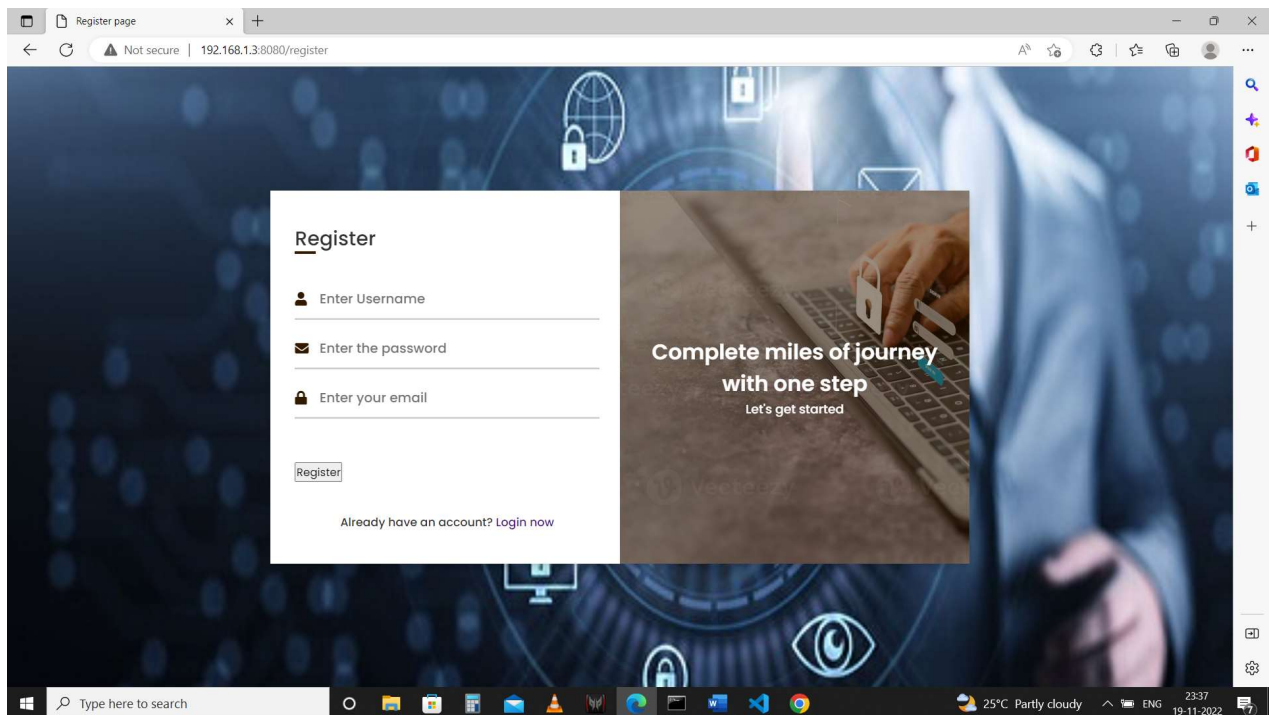
```

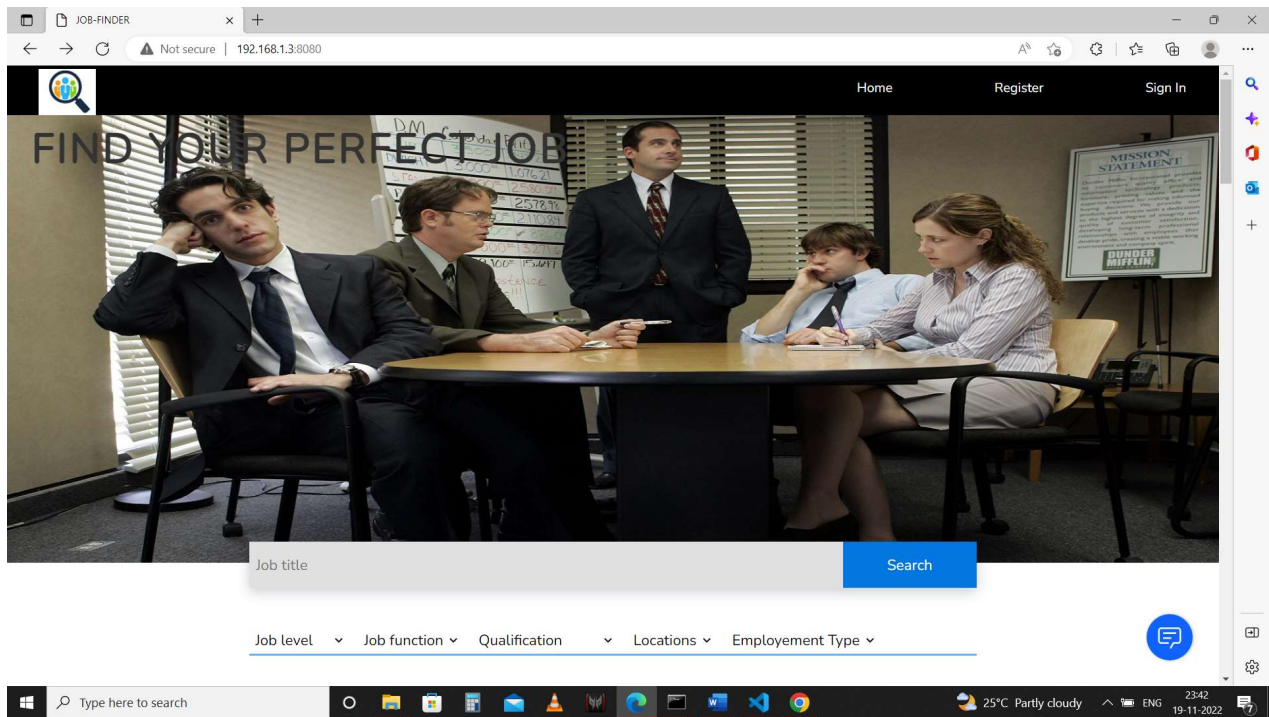
Service.yaml

```
apiVersion: v1
kind: Service
metadata:
  name: flask-node-deployment
spec:
  ports:
    - port: 8080
      targetPort: 8080
  selector:
    app: flasknode
```

we use docker and create a image of our files and upload it in docker hub and ibm cloud and then get a public ip from Kubernetes

9. RESULTS





10. ADVANTAGES & DISADVANTAGES

Advantages:

- It made us easy to find a job
- It can also provide the user what type of job he needs according to his skills

Disadvantages:

- Need to Increase the Accuracy of the Project
- Cost for deploying in IBM CLOUD for permanently
- Job seeker may have trouble to contact recruiters directly.

□

11. CONCLUSION

Finding a job nowadays with good salary is highly competitive these days. With increasing job rates and picky consumers this helps us to find a job for the user based on his/her skills. This application will solve the problems in seeking a job to the user.

12. FUTURE SCOPE

The linked in the well known application to find a job and stay connected with professional and organization.

The job seekers and organization use linked in to find a job.

In the future , There are lots of possibilities to enhance our project similar to linked in.