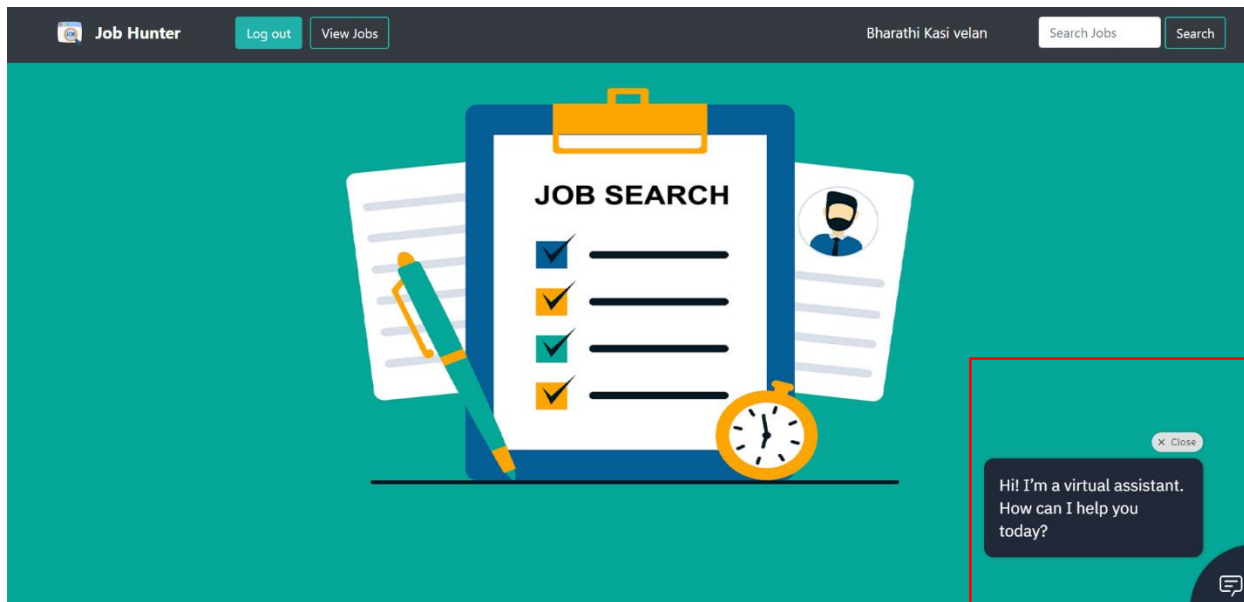


Coding and Solutioning

Date	05 November 2022
Team ID	PNT2022TMID33768
Project Name	Skill And Job Recommender

No of Features:

1. Watson Chatbot:



```
Project 73
demoProject C:\Users\Devi\Desktop\IBM Trail\demoProject
  flask_session
  Lib
  python_http_client
  Scripts
  sendgrid
  static
  templates
    apply.html
    home.html
    login.html
    register.html
    viewafterlogin.html
    viewjob.html
    welcome.html
  .env
  .gitignore
  app.py
  certificate.crt
  Dockerfile.txt
  pyenv.cfg
  requirements.txt

74 
75
76 </footer>
77
78 </body>
79 <script>
80   window.watsonAssistantChatOptions = {
81     integrationID: "d5588636-650f-4cb5-8a14-8aa0dc77c71", // The ID of this integration.
82     region: "au-syd", // The region your integration is hosted in.
83     serviceInstanceID: "c8eca7e5-2f31-4d65-84c9-44e8b5ec57bd", // The ID of your service instance.
84     onLoad: function(instance) { instance.render(); }
85   };
86   setTimeout(function(){
87     const t=document.createElement('script');
88     t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" + (window.watsonAssistantChatOptions.client
89     document.head.appendChild(t);
90   });
91 </script>
</html>
```

2. SendGrid : Email

127.0.0.1:5000/apply

Job Hunter Back

Search Job Search

127.0.0.1:5000 says
Mail Send Successfully

OK

Name Bharathi Kasi velan

Email bharathi@gmail.com

Phone No 9856789789

Company IBM

Role Full stack developer

Skills Java, SpringBoot, React

Resume Choose File Bharathi G (2).pdf

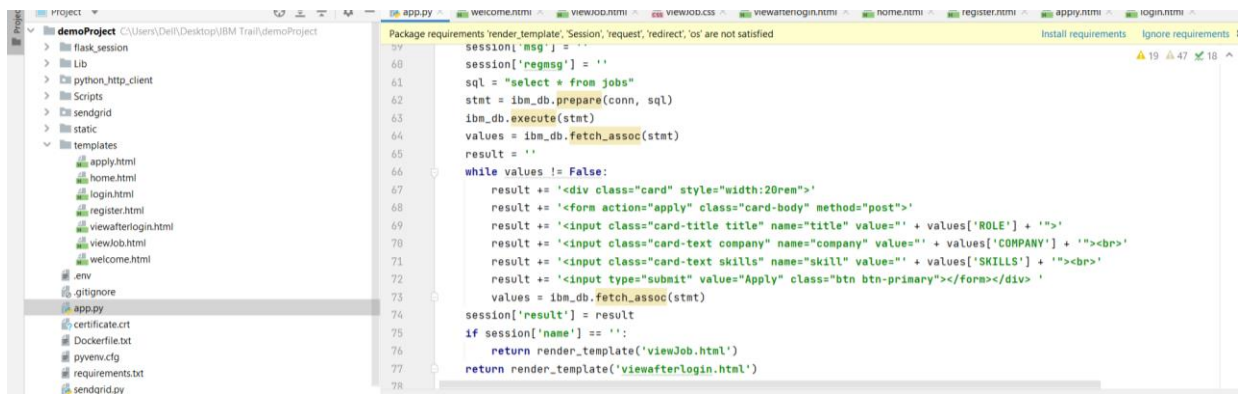
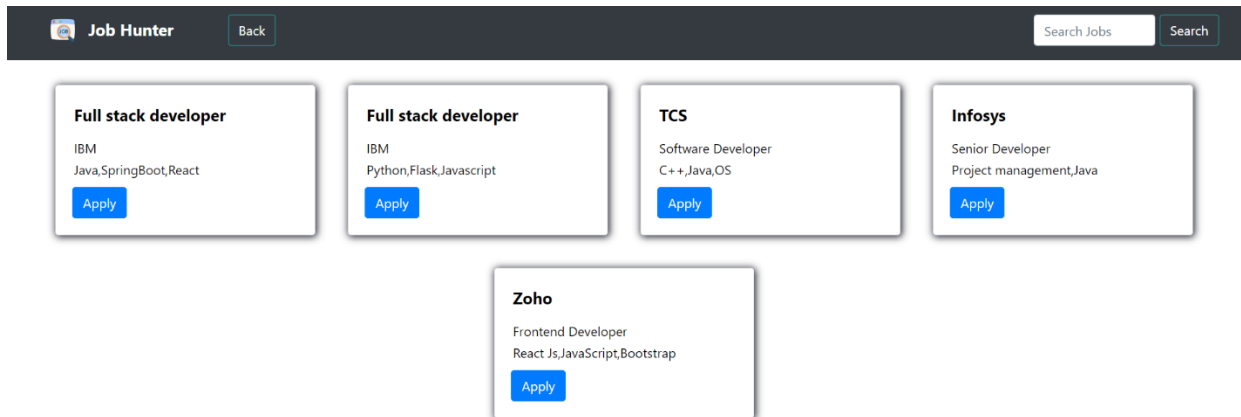
Apply

Inbox 3,498	Primary	Promotions	Social
Starred	me	Applied for the Job Successfully - Hi User, we will contact you.	10:56 PM
Snoozed	Naukri	20K+ jobseekers are shining before recruiters, see how! - Top companies are hiring! Shoot up your chances of getting h...	10:17 PM
Sent	O17 INSALATTA PRIYA.	Apply and view pages screenshots	4:36 PM

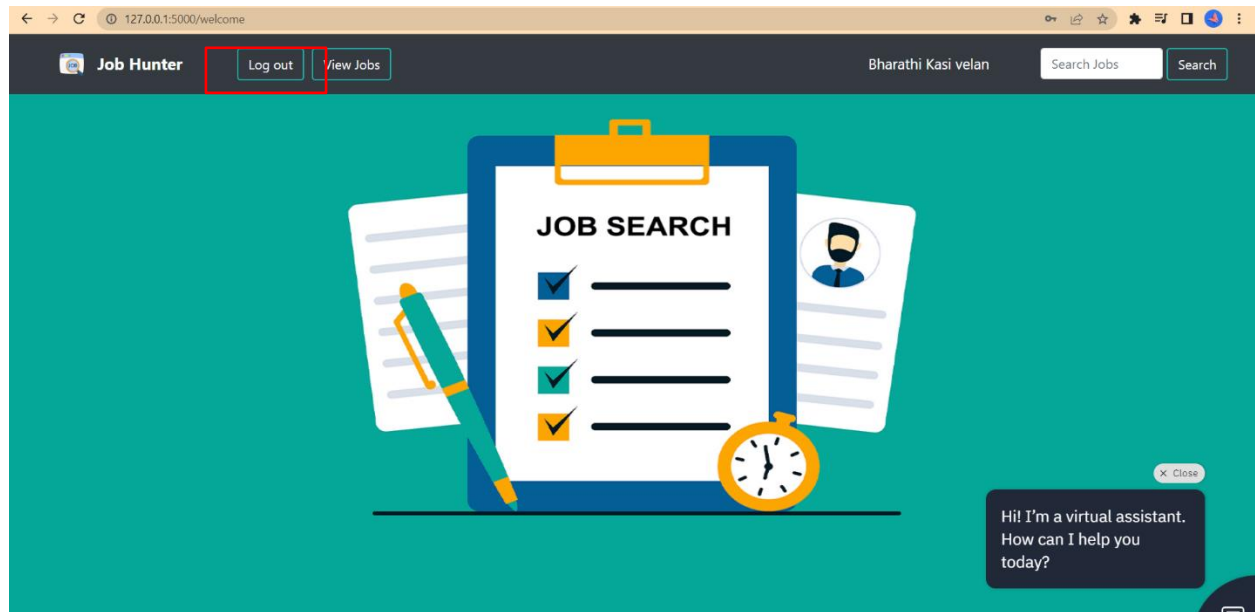
```
Project
├── demoProject
│   ├── flask_session
│   ├── Lib
│   ├── python_http_client
│   ├── Scripts
│   ├── sendgrid
│   ├── static
│   └── templates
│       ├── apply.html
│       ├── home.html
│       ├── login.html
│       ├── register.html
│       ├── viewafterlogin.html
│       ├── viewjob.html
│       └── welcome.html
├── env
├── .gitignore
├── app.py
├── certificate.crt
├── Dockerfile.txt
└── ovrenv.cfo
```

```
75 <td><input type="file" value="Upload" ></td>
76 </tr>
77
78 </table><br>
79 <input class="btn btn-submit" type="submit" value="Apply" onclick="myFun()">
80 </form>
81 </div>
82
83 <script>
84     function myFun(){
85         alert("Mail Send Successfully");
86     }
87 </script>
88 </body>
89
90 </html>
91
92
```

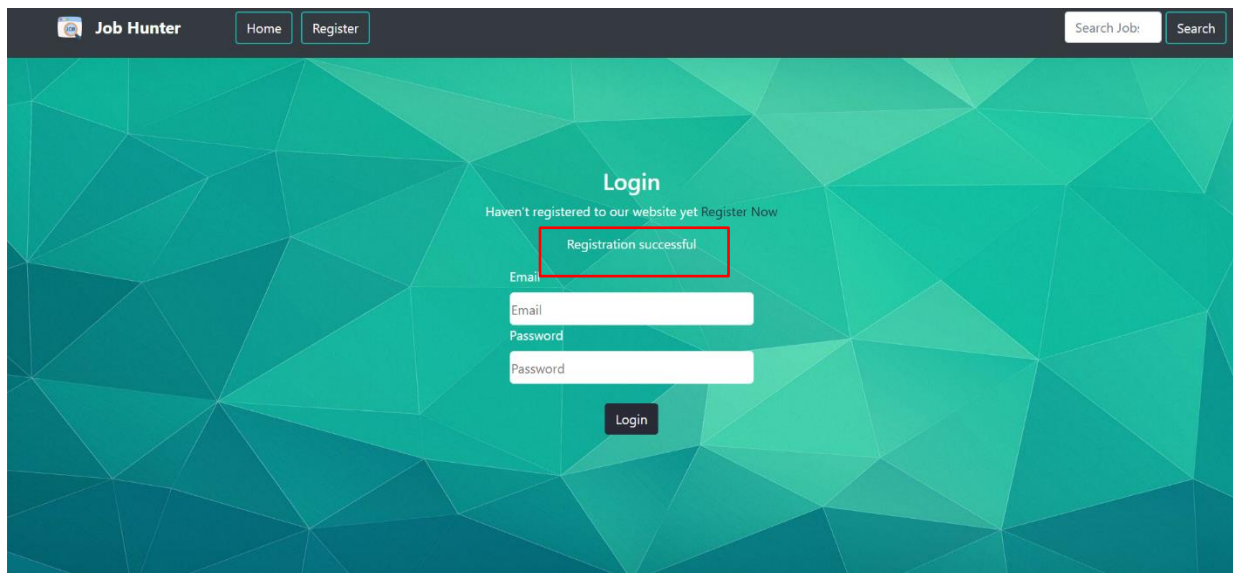
3.ViewJob Pages:




4.Home Page with Logout Button:



5.TestCases:



 Job Hunter

[Home](#) [Login](#)

[Search](#)

Register

Already have an account Sign in


Invalid email Address

Name

Email

Password

Register

 Job Hunter

[Home](#) [Login](#)

[Search](#)

Register

Already have an account Sign in

Account already exists !

Name

Email

Password

Register

The screenshot shows a PyCharm IDE window titled "demoProject" with the file "app.py" open. The left sidebar displays the project structure, including folders like "Lib", "Scripts", "static", and "templates", and files like "apply.html", "home.html", "login.html", "register.html", "viewafterlogin.html", "viewjob.html", and "welcome.html". The main editor area shows the code for "app.py", which includes database operations and template rendering logic. A yellow warning banner at the top indicates that package requirements for 'render_template', 'Session', 'request', and 'redirect' are not satisfied. The code includes a SQL query to select from a 'jobregister' table, checks for existing accounts, validates email addresses, and handles name validation before inserting new records into the database. The code ends with a call to the 'login()' function.

```
File Edit View Navigate Code Refactor Run Tools VCS Window Help app.py - app.py
demoProject
Project
demoProject
  flask_session
  Lib
  python_http_client
  Scripts
  sendgrid
  static
  templates
    apply.html
    home.html
    login.html
    register.html
    viewafterlogin.html
    viewjob.html
    welcome.html
  .env
  .gitignore
  app.py
  certificate.crt
  Dockerfile.txt
  pyvenv.cfg
  requirements.txt
  sendgrid.py

Package requirements 'render_template', 'Session', 'request', 'redirect' are not satisfied
-----
# ----- table name = jobregister -----
93 sql = "SELECT * FROM jobregister WHERE name=? "
94 stmt = ibm_db.prepare(conn, sql)
95 ibm_db.bind_param(stmt, 1, name)
96 ibm_db.execute(stmt)
97 account = ibm_db.fetch_assoc(stmt)
98 if account:
99     msg = 'Account already exists !'
100     return render_template('register.html', msg=msg)
101 elif not re.match(r'[^@]+@[^@]+\.[^@]+', email):
102     msg = 'Invalid email Address'
103     return render_template('register.html', msg=msg)
104 elif not re.match(r'[A-Za-z0-9]*', name):
105     msg = 'Name must contain atleast one character and Number'
106     return render_template('register.html', msg=msg)
107 else:
108     # ----- table name = jobregister -----
109     sql = 'INSERT INTO jobregister values(?, ?, ?)'
110     prepare_stmt = ibm_db.prepare(conn, sql)
111     ibm_db.bind_param(prepare_stmt, 1, name)
login()
```