

Source Code

apply.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 | 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-
```

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"
>

<!-- css
stylesheet -->

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

<!-- 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>
<!-- bootstrap navbar -->
<div class="logo mt-3 text-center">
<a class="main-logo-img mt-5" href=".png"><img src="" alt="" height="50px"
width="180px">
<!-- <a class="navbar-brand" href="index.html">JobPortal</a> -->
</a>
</div>
<!-- navbar ends -->
<!-- Login form -->
<div class="login text-center mt-5">
<h2>Apply Now</h2>
<div class="msg">{{ 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>
<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"> Python</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>

</body>
</html>
```

dashboard.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>
<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">
<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>

<!-- bootstrap navbar -->

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

<div class="container-fluid">

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

<!-- <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>


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

<!-- 

<div class="card-body">

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

```

```


<p class="card-text">Skills for python
</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;">
<!--  -->
<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;">
<!--  -->
<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>
</section>
<!-- focus section ends -->

```

```
<!-- footer starts -->

<!-- Site footer -->

</body>

</html>
```

display.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>
<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">
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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>
```

```

<!-- bootstrap navbar -->
<nav class="navbar sticky-top navbar-expand-lg navbar-light">
<div class="container-fluid">
<a class="main-logo-img mt-3" href="#">
<!-- <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>

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<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>
<a type="button" class="btn btn-primary mr-1" id="sponsor" href="display">MY
JOBS</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;">
<!-- 
<div class="card-body">
<h5 class="card-title">Python</h5>

<p class="card-text">Skills for python
</p>
<a href="apply" class="btn btn-primary">Apply Now</a>

```



```
</div>
</div>
<div class="col-lg-3 mr-5" id="focus-second">
<div class="card" style="width: 20rem;">
<!--  -->
<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;">
<!--  -->
<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>
</section>
<!-- focus section ends -->
<!-- footer starts -->
<!-- Site footer -->
</body>
</html>
```

register.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 | LOGIN</title>

<!-- favicon -->
<!-- <link rel="shortcut icon" href="/assets/img/favicon.ico" type="i
icon"> -->
<!-- <link rel="icon" href="/assets/img/favicon.ico" type="image/x-ic
<link rel="icon" type="image/png" sizes="16x16" href="/assets/img/fav
32x32.png">
<!-- bootstrap css cdn -->
<link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstra
integrity="sha384-
JcKb8q3iqJ61gNV9KGb8thSsNjpSL0n8PARn9HuZOnIxN0hoP+VmmDGMN5t9UJ0Z"
crossorigin="anonymous">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/f
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
rel="stylesheet">
<link
href="https://fonts.googleapis.com/css2?family=Alegreya:wght@600&disp
rel="stylesheet">
</head>

<body>

<!-- bootstrap navbar -->

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

<a class="main-logo-img mt-5" href="#">

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

</a>
```

```

</div>
<!-- navbar ends -->
<!-- Login form -->
<div class="login text-center mt-5">
<h2> Register Form </h2>
<form action="/register" method="post">
<div class="msg">{{ 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
required></br></br>
<input type="password" name="password" placeholder="Enter Your Passwo
id="password" required></br></br>

</br>
</br>
<button type="submit" id="button" class="btn btn-primary" > Register
</form>
</div>

<div class="note mt-3 text-center"> <!--Register form -->
<p> already have an account ? please login <a href="/login">login! </

</div>

</body>
</html>

```

style.css

```

* {
    font-family: 'Alegreya', serif !important;

}

```

```

/* // Small devices (landscape phones, 576px and up) */
@media (min-width: 576px) {

}

/* // Medium devices (tablets, 768px and up) */
@media (min-width: 768px) {

}

/* // Large devices (desktops, 992px and up) */
@media (min-width: 992px) {
.navbar {
padding-top:15px;
padding-bottom:15px;
background-color: white;
}
.navbar-
brand{ padding-
left: 5px;
}
.navbar-nav
{ margin-left:
30px;
}
.nav-item
{ padding-
left:5px;
}
.donate-
sponsor{ margin-
right:10px;
}
#donate,#sponsor{
margin:5px;
padding: 5px 15px 5px 15px;
}
.homepage-header{
background: url('../img/group.JPG');
background-size: cover;
}
}

```

```

background-position: center top;
padding: 0;
position: relative;
width: 100%;
overflow: hidden;
display: -webkit-flex;
display: -ms-flexbox;
display: flex;
height: 85vh;
}

.home-for-children
{ background-color:
#ffeeba;margin-top:0px;
padding-top:10px;
padding-bottom:30px;
}

.home-for-children h2 {
line-height: 2.5rem !important;
letter-spacing: 3px;
font-weight: 600;
}

.home-for-children h5
{line-height: 1.8rem;
}

.home-for-children .btn-success
{padding: 8px 25px;
font-size: large;
}

/* 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;
}
/* media */
.media .container{
margin-top: 3rem !important;
}
.media .row{
margin-top: 1.5rem !important;
}
/* footer */
.row-initiative
{margin-top:10px
}
.site-footer
{ margin-top:30px;
line-height:24px;
}
.footer-links
{ padding-left:0;
list-style: none;
}
.footer-links li
{display: block;
}
.footer-links.inline li
{display: inline-block;
}
.footer-links li
a{color: black;
}
.footer-logo img{
```

```

width: 100px;
}

.social-icons
{ text-align:
right;margin-
left:50px;
}

.social-icons
li{list-style:
none;
display: inline-block;
}

.social-icons li a
{border-radius: 50%;
margin-left:10px;
}

input
{ padding:10px
20px;
}

#button
{ border:none;
padding:10px 20px;
border-radius:10px;
animation:pulse 3s infinite ease-out;
}
}

/* // X-Large devices (large desktops, 1200px and up)
*/
@media (min-width: 1200px) {
.navbar-
brand{ padding-left:
10px;
}
}

/* // XX-Large devices (larger desktops, 1400px and up)
*/
@media (min-width: 1400px) {
.navbar-
brand{ padding-left:

```



```
}  
}
```

app.py

```
from  
collectio  
ns import  
UserDict  
  
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=19af6446-6171-4641-8aba-  
9dcff8e1b6ff.clogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=30699;SECURITY=SSL;SSLSer  
Mcd7x6",'','')  
@app.route('/')  
def home():  
return render_template('home.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']=account['USERNAME']
    session['id']=account['USERNAME']
    userid=account['USERNAME']
    session['username']=account['USERNAME']
    msg= 'logged in succesfully !!!'

    return render_template('dashboard.html',msg=msg)

else:
    msg='incorrect'

    return render_template('login.html',msg=msg)

@app.route('/register',methods=['GET','POST'])
def register():
    msg=''
    if request.method == 'POST':
        username =request.form['username']
        email=request.form['email']
        password=request.form['password']
        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 exist'
        elif not re.match(r'^@+@[^@]+\.[^@]+',email):
            msg='invalid email address !'
        elif not re.match(r'[A-Za-z0-9]+',username):
            msg='Name must contain char and number'
        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,email)
ibm_db.bind_param(prepare_stmt,3,password)
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']
sql='SELECT * FROM users WHERE username =?'
insert_sql="INSERT INTO job VALUES (?, ?, ?, ?, ?)"
prepare_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.execute(prepare_stmt)
msg='you have successfully applied for job '
session['loggedin']=True
elif request.method == 'POST':
msg="Please fill out the form"
return render_template('apply.html',msg=msg)

@app.route('/display')

```

```

def display():
    print(session["username"],session["id"])
    cursor=mysql.connection.cursor()
    cursor.execute('SELECT * FROM job WHERE userid = %s',(session['id']))
    account=cursor.fetchone()
    print("accountdisplay",account)

    return render_template('display.html',account=account)

@app.route('/logout')
def logout():
    session.pop('loggedin',None)
    session.pop('id',None)
    session.pop('username',None)

    return render_template('home.html')

if __name__ == '__main__':
    app.run(host='0.0.0.0')

```

deployment.yaml

```

apiVersion:
apps/v1

kind: Deployment
metadata:
name: job
spec:
replicas: 3
selector:
matchLabels:
app: job
template:
metadata:
labels: app:
job spec:

```

```
containers:
  - name: job
    image: karolinpreethy/jobportal11
    imagePullPolicy: Always
  ports:
    - containerPort: 5000
```

service.yaml

```
apiVersion: v1
kind: Service
metadata:
  name: job
spec:
  ports:
    - port: 5000
  targetPort: 5000
  selector:
    app: job
```