SPRINT - 3

Date	14.11.2022
Team ID	PNT2022TMID50144
Project	Skill and Job Recommender

App.py

```
from flask import *#importing flask (Install it using python -m pip install flask)
import os
import ibm_db
import bcrypt
#import send_from_directory
app = Flask(__name__) #initialising flask
app.secret_key = ''
PEOPLE_FOLDER = os.path.join('static', 'people_photo')

import ibm_db
conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=54a2f15b-5c0f-46df-8954-7e38e612c2bd.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=32733;SECURITY=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;PROTOCOL=TCPIP;UID=phb43134;PWD=mTTnIE45Raj9A0rr","","")


@app.route("/") #defining the routes for the home() funtion (Multiple routes can be used as seen here)
@app.route("/home")

def home():
    return render_template("home.html") #rendering our home.html
```

contained within /templates

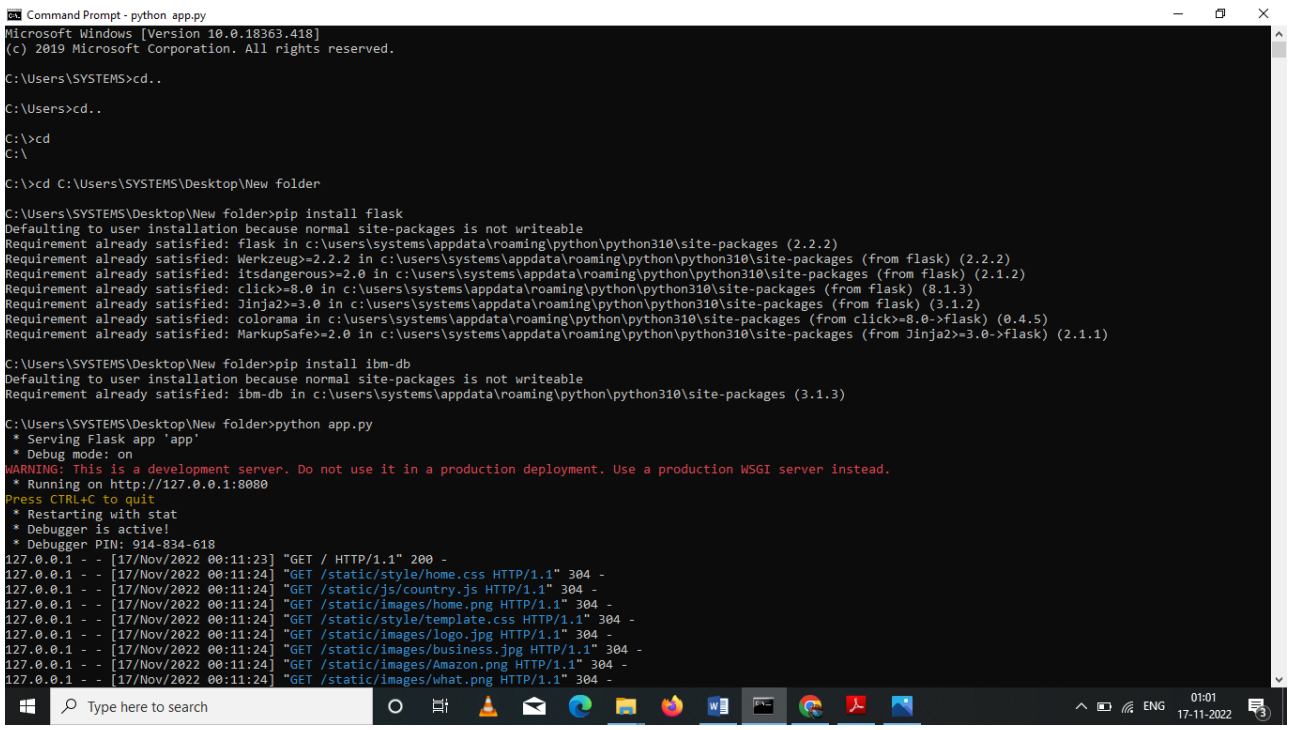
```
@app.route("/login")
def login():
    if request.method == 'POST':
        email = request.form['email']
        password = request.form['password']
        if not email or not password:
            return render_template('login.html',error='Please fill all
fields')

        query = "SELECT * FROM USER WHERE email=?"
        stmt = ibm_db.prepare(conn, query)
        ibm_db.bind_param(stmt,1,email)
        ibm_db.execute(stmt)
        isUser = ibm_db.fetch_assoc(stmt)
        print(isUser,password)

        if not isUser:
            return render_template('login.html',error='Invalid
Credentials')

        isPasswordMatch = bcrypt.checkpw(password.encode('utf-
8'),isUser['PASSWORD'].encode('utf-8'))

        if not isPasswordMatch:
            return render_template('login.html',error='Invalid
Credentials')

        session['email'] = isUser['EMAIL']
        return redirect(url_for('user_dashboard'))

    return render_template('login.html',name='Home')




app.config["UPLOAD_DIR"] = "uploads"
@app.route("/register",methods=['GET','POST'])
def register():
```

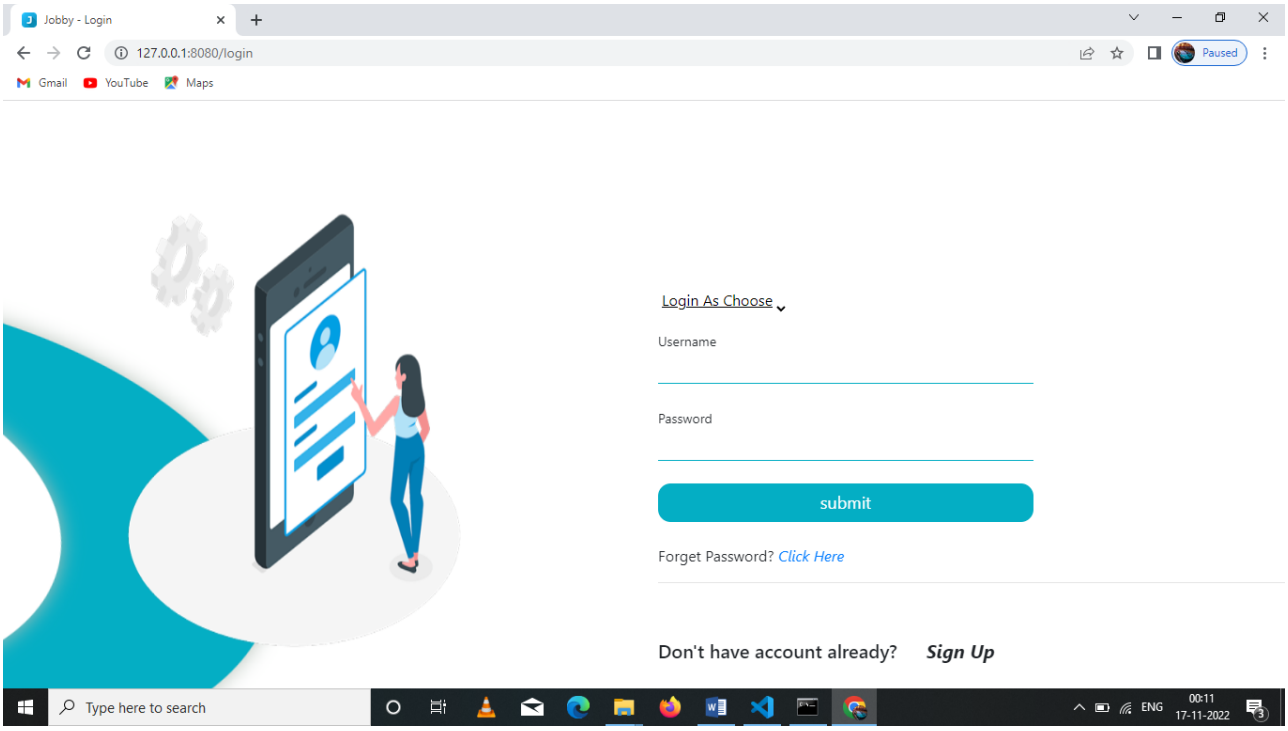
```
if request.method == 'POST':
  email = request.form['email']
  password = request.form['password']
  firstname=request.form['firstname']
  middlename=request.form['middlename']
  lastname=request.form['lastname']
  dob=request.form['dob']
  age=request.form['age']
  drno=request.form['drno']
  landmark1=request.form['lnmk1']
  landmark2=request.form['lnmk2']
  village =request.form['village']
  district=request.form['district']
  pincode=request.form['pincode']
  country=request.form['country']
  country_code=request.form['countryCode']
  phone=request.form['phone']
  schlname10=request.form['schlname10']
  maxmark10=request.form['maxmark10']
  actmark10=request.form['actmark10']
  schlname212=request.form['schlname212']
  maxmark212=request.form['maxmark212']
  actmark212=request.form['actmark212']
  clgname=request.form['clgname']
  clgmaxmark=request.form['clgmaxmark']
  clgactmark=request.form['clgactmark']
  stream=request.form['stream']
  graduation=request.form['graduation']
  grayear=request.form['grayear']
  branch=request.form['branch']
  skills=request.form['form[]']
  q1=request.form['Q1']
  q2=request.form['Q2']
  q3=request.form['Q3']
  q4=request.form['Q4']
  q5=request.form['Q5']
  position=request.form['position']
  experience=request.form['expyears']
  designation=request.form['designation']
  tum = request.files['resume']
```

```
    tum.save(os.path.join(app.config['UPLOAD_DIR'],tum.filename))



    hash=bcrypt.hashpw(password.encode('utf-8'),bcrypt.gensalt())

    query = "SELECT EMAIL FROM JOBSEEKER WHERE
EMAIL=?"
    stmt = ibm_db.prepare(conn, query)
    ibm_db.bind_param(stmt,1,email)
    ibm_db.execute(stmt)
    isUser = ibm_db.fetch_assoc(stmt)

    if not isUser:
      insert_sql = "INSERT INTO JOBSEEKER (EMAIL,
PASSWORD, FIRSTNAME, MIDDLENAME, LASTNAME, DOB,
AGE, DOOR_NO, LANDMARK1, LANDMARK2,VILLAGE,
DISTRICT, PINCODE, COUNTRY, COUNTRY_CODE, PHONE,
SCHOOL_NAME, SC_MAX_MARK,
SC_ACT_MARK,HSC_SCHOOL_NAME,HSC_MAX_MARK,
HSC_ACT_MARK,COLLEGE_NAME,COLLEGE_MAX,COLLEGE_
ACT, STREAM, GRADUATION, GRADUATION_YEAR, BRANCH,
SKILLS, PRESENTATION, HACKATHON, CODING, WON,
PRIZE_WON, POSITION, EXPYEARS,DESIGNATION, RESUME)
VALUES
(?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,
?,?,?,?)"
      prep_stmt = ibm_db.prepare(conn, insert_sql)
      ibm_db.bind_param(prep_stmt, 1, email)
      ibm_db.bind_param(prep_stmt, 2, password)
      ibm_db.bind_param(prep_stmt, 3, firstname)
      ibm_db.bind_param(prep_stmt, 4, middlename)
      ibm_db.bind_param(prep_stmt, 5, lastname)
      ibm_db.bind_param(prep_stmt, 6, dob)
      ibm_db.bind_param(prep_stmt, 7, age)
      ibm_db.bind_param(prep_stmt, 8, drno)
      ibm_db.bind_param(prep_stmt, 9, landmark1)
      ibm_db.bind_param(prep_stmt, 10, landmark2)
      ibm_db.bind_param(prep_stmt, 11, village)
      ibm_db.bind_param(prep_stmt, 12, district)
```

```
      ibm_db.bind_param(prep_stmt, 13, pincode)
      ibm_db.bind_param(prep_stmt, 14, country)
      ibm_db.bind_param(prep_stmt, 15, country_code)
      ibm_db.bind_param(prep_stmt, 16, phone)
      ibm_db.bind_param(prep_stmt, 17, schlname10)
      ibm_db.bind_param(prep_stmt, 18, maxmark10)
      ibm_db.bind_param(prep_stmt, 19, actmark10)
      ibm_db.bind_param(prep_stmt, 20, schlname212)
      ibm_db.bind_param(prep_stmt, 21, maxmark212)
      ibm_db.bind_param(prep_stmt, 22, actmark212)
      ibm_db.bind_param(prep_stmt, 23, clgname)
      ibm_db.bind_param(prep_stmt, 24, clgmaxmark)
      ibm_db.bind_param(prep_stmt, 25, clgactmark)
      ibm_db.bind_param(prep_stmt, 26, stream)
      ibm_db.bind_param(prep_stmt, 27, graduation)
      ibm_db.bind_param(prep_stmt, 28, grayear)
      ibm_db.bind_param(prep_stmt, 29, branch)
      ibm_db.bind_param(prep_stmt, 30, skills)
      ibm_db.bind_param(prep_stmt, 31, q1)
      ibm_db.bind_param(prep_stmt, 32, q2)
      ibm_db.bind_param(prep_stmt, 33, q3)
      ibm_db.bind_param(prep_stmt, 34, q4)
      ibm_db.bind_param(prep_stmt, 35, q5)
      ibm_db.bind_param(prep_stmt, 36, position)
      ibm_db.bind_param(prep_stmt, 37, experience)
      ibm_db.bind_param(prep_stmt, 38, designation)
      ibm_db.bind_param(prep_stmt, 39, tum)
      ibm_db.execute(prep_stmt)
      return render_template('register.html')
    else:
      return render_template('register.html',error='Invalid Credentials')

  return render_template('register.html',name='Home')


@app.route("/orgregister")
def orgregister():
    return render_template("orgregister.html") #rendering our
register.html contained within /templates
```

```
@app.route("/user_dashboard")
def user_dashboard():

    return render_template("user_dashboard.html")

@app.route('/logout')
def logout():
    session.pop('email', None)
    return redirect(url_for('login'))


if __name__ == "__main__": #checking if __name__'s value is '__main__'. __name__ is an python environment variable who's value will always be '__main__' till this is the first instatnce of app.py running
    app.run(debug=True,port=8080) #running flask (Initalised on line 4)
```

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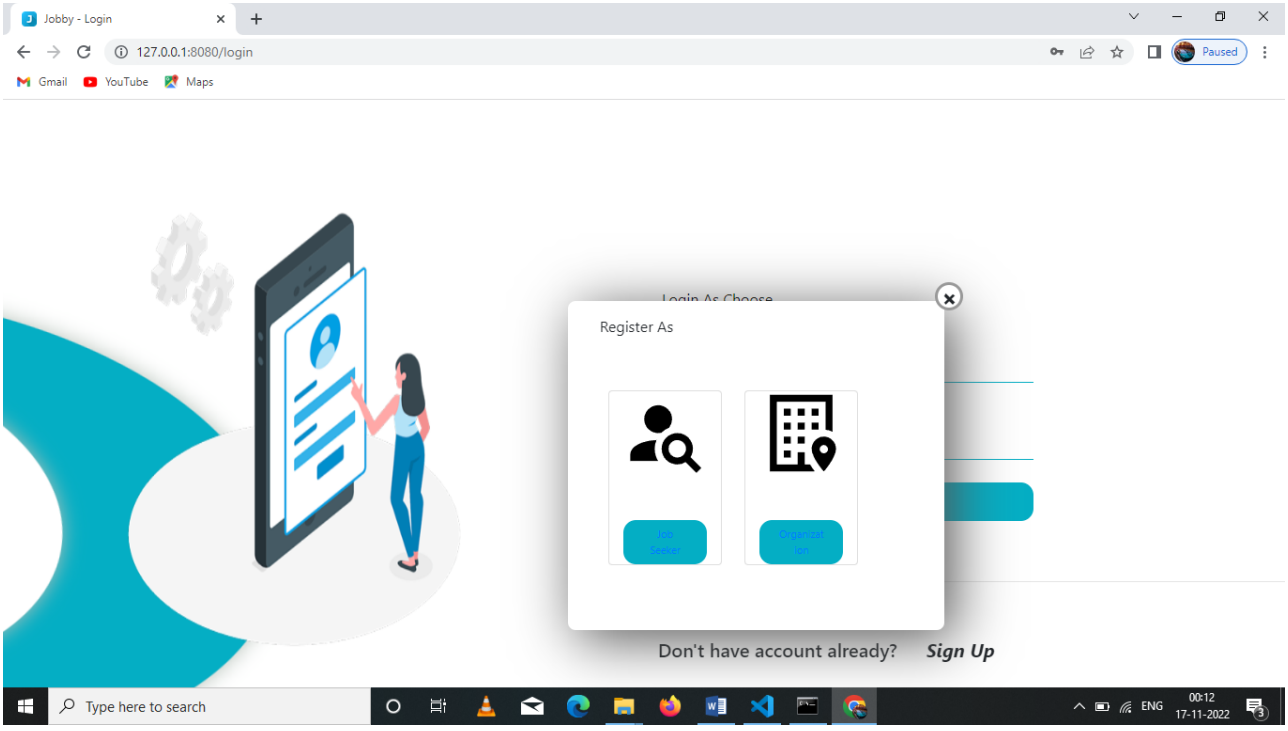
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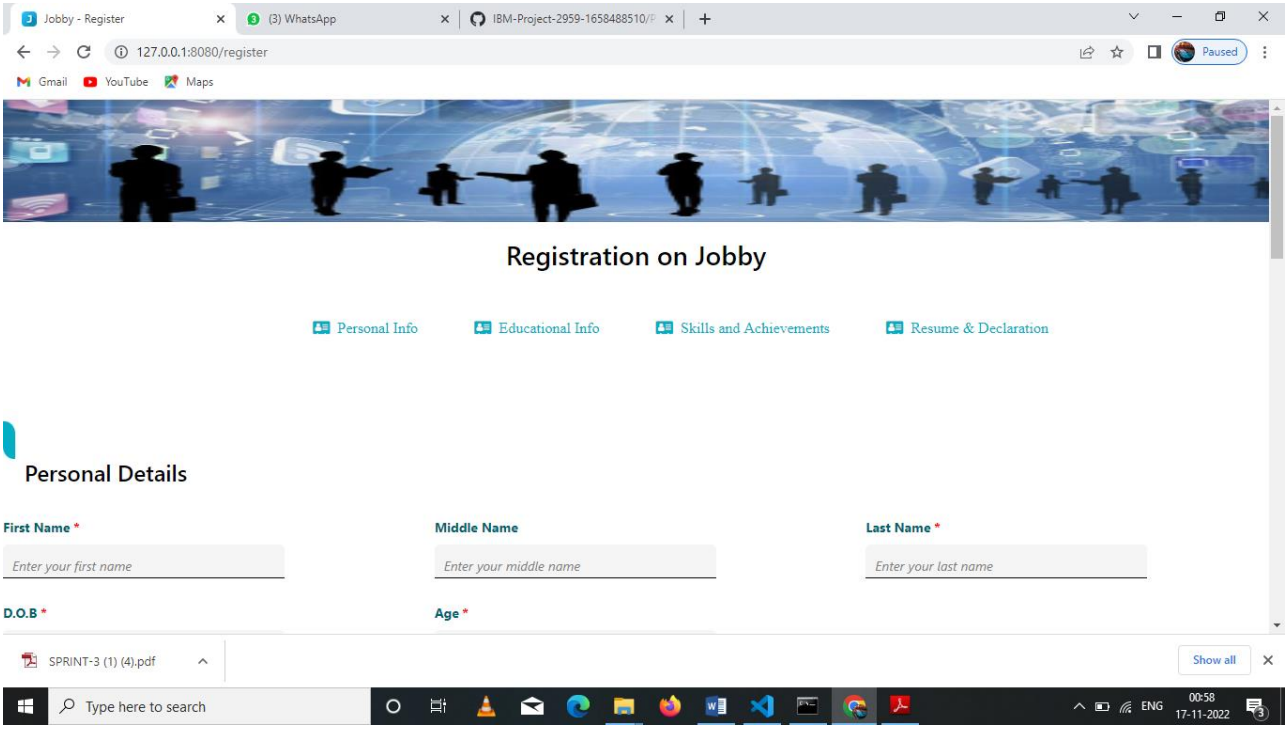
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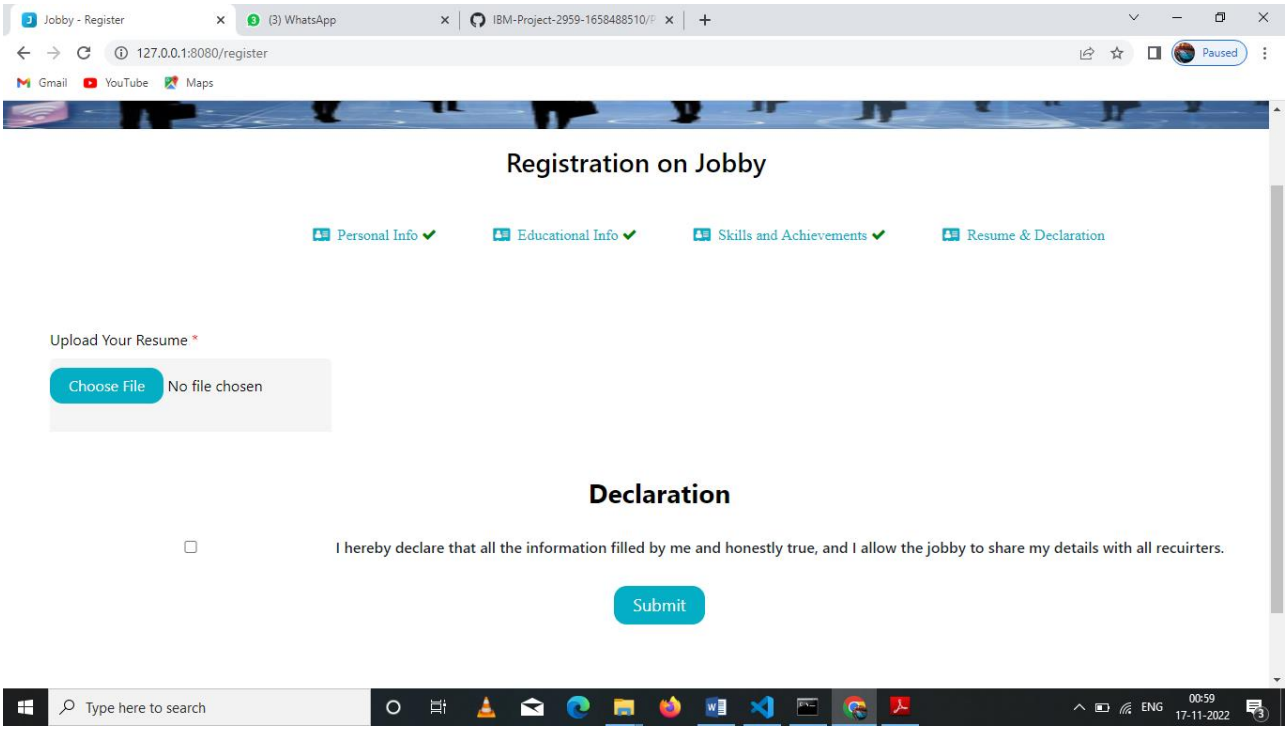
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Personal Info
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Declaration
I hereby declare that all the information filled by me and honestly true, and I allow the jobby to share my details with all recuirters.
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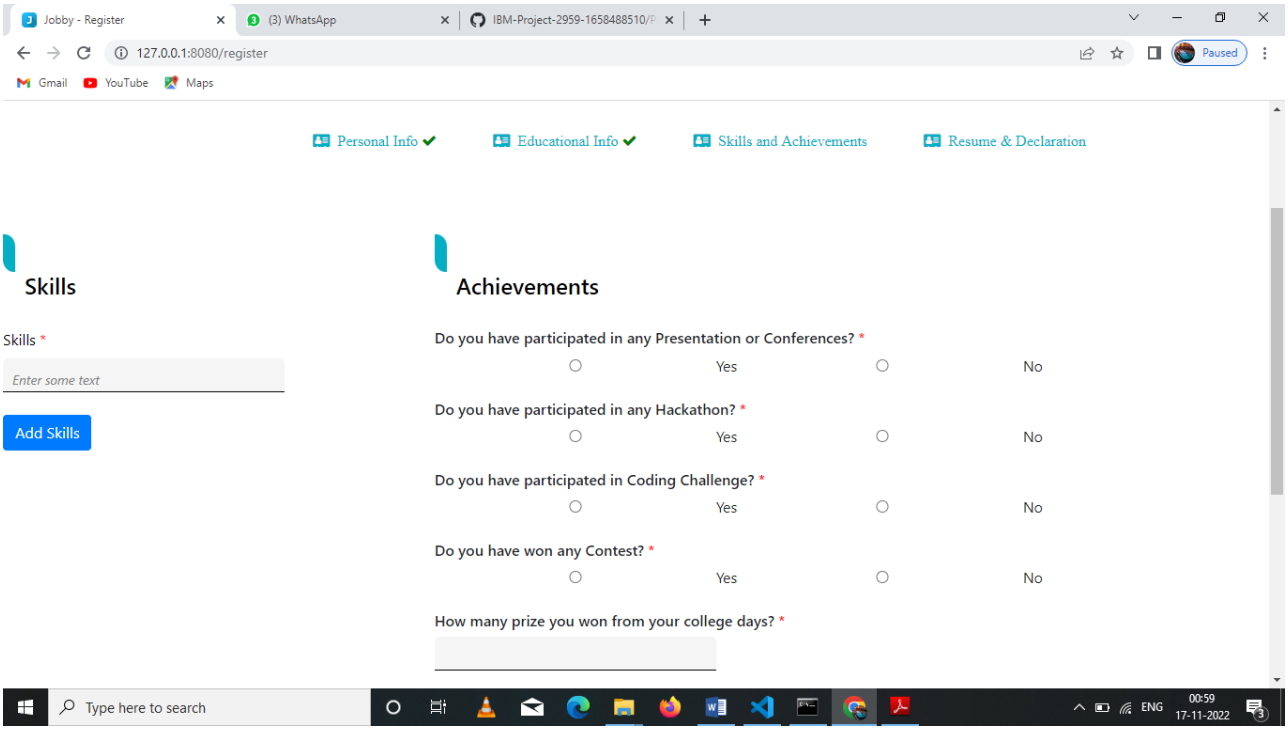
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Gmail
YouTube
Maps
Personal Info
Educational Info
Skills and Achievements
Resume & Declaration
Skills
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Enter some text
Add Skills
Achievements
Do you have participated in any Presentation or Conferences? *
Yes
No
Do you have participated in any Hackathon? *
Yes
No
Do you have participated in Coding Challenge? *
Yes
No
Do you have won any Contest? *
Yes
No
How many prize you won from your college days? *
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