Infosys Springboard

VIRTUAL INTERNSHIP 6.0

SKILLMATCH RESUME MATCHER AND SKILL RECOMMENDER

AN INTERNSHIP REPORT

TEAM-1

Submitted by

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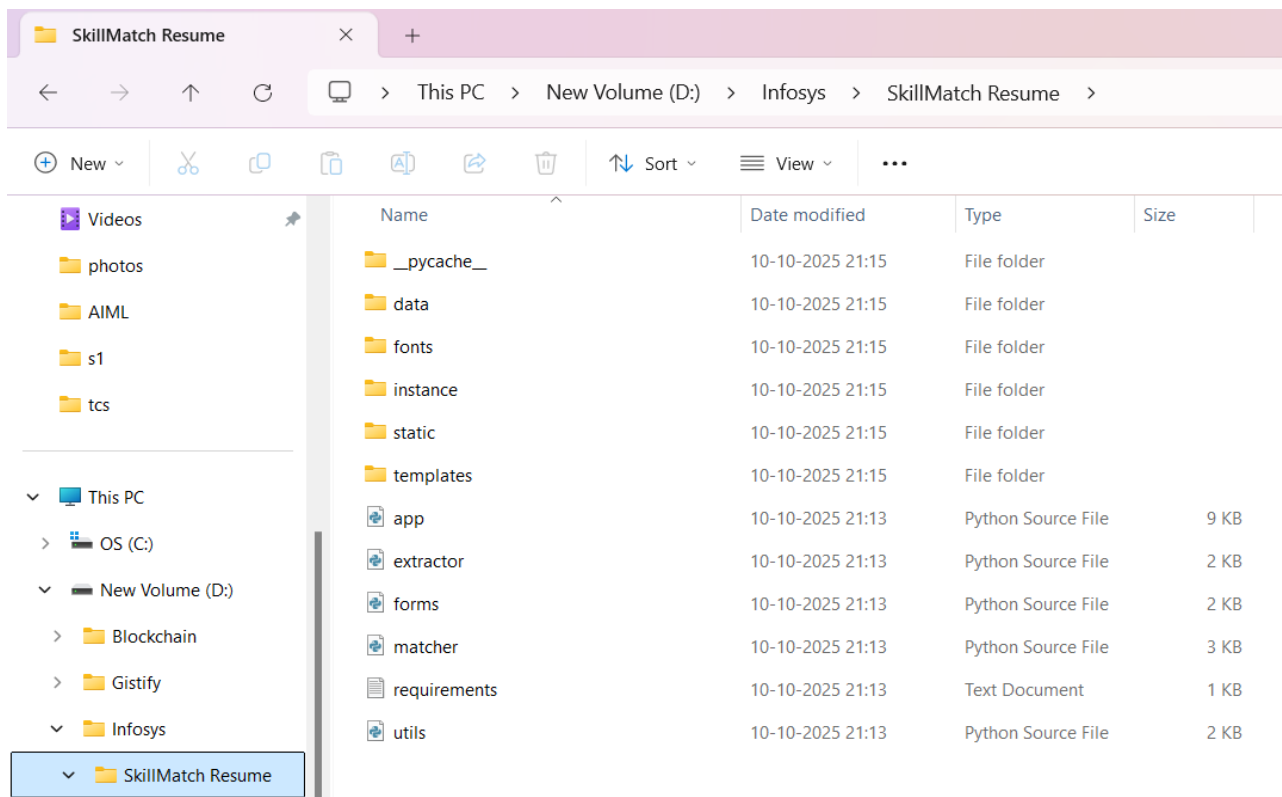**SEELA HARSHITHA**

JASWANTH PONNEKANTI
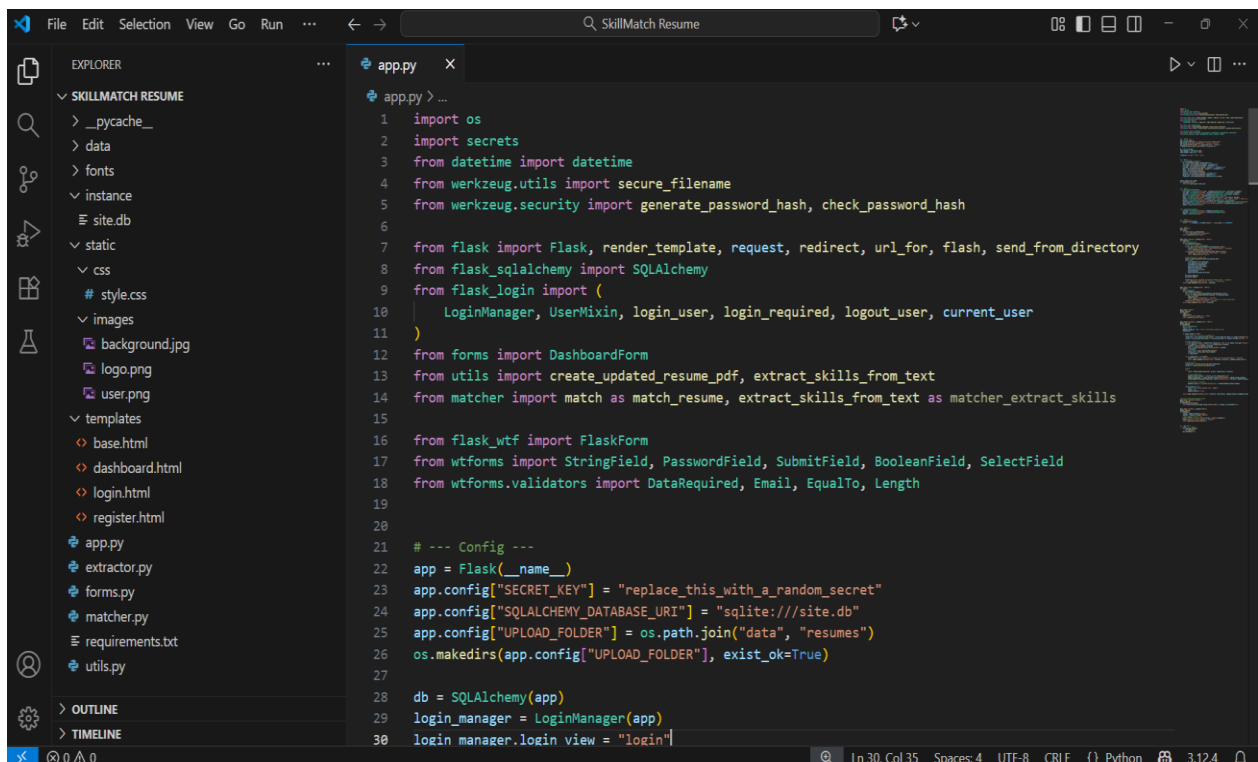
MENTOR

Mrs. SANGEETHA

OCTOBER 2025

PROJECT SCREENSHOTS :-

Opening the project folder containing all the main files such as *app.py*, *matcher.py*, *templates*, and *static*.

Opening the *app.py* file in VS Code to view the main Flask application code.

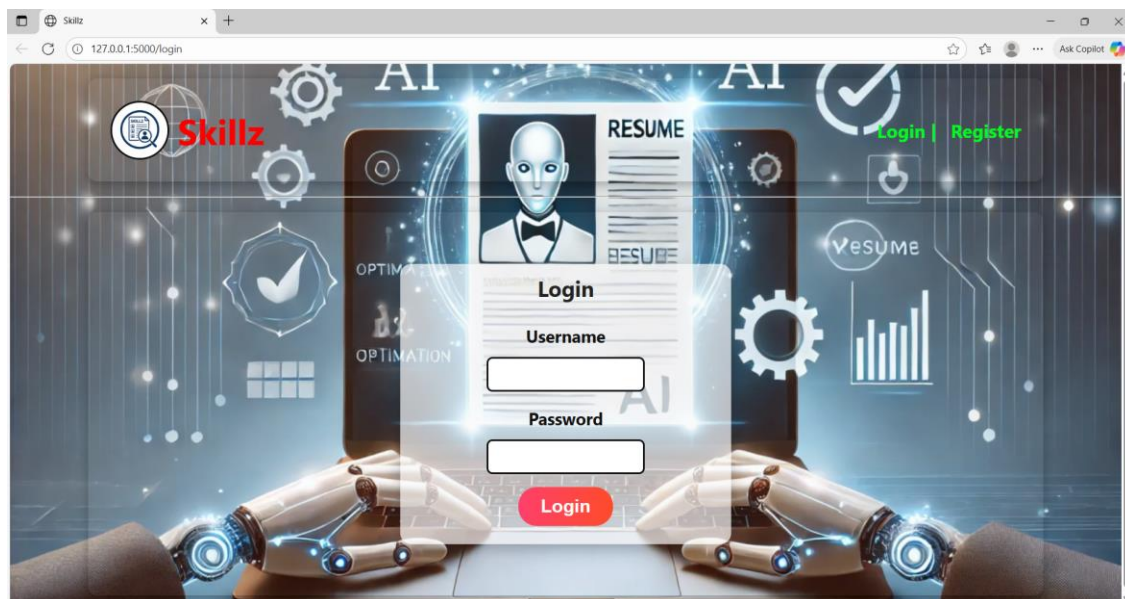Running the Flask app using the command python app.py in the terminal.


```python
import os
import secrets
from datetime import datetime
from werkzeug.utils import secure_filename
from werkzeug.security import generate_password_hash, check_password_hash

from flask import Flask, render_template, request, redirect, url_for, flash, send_from_directory
from flask_sqlalchemy import SQLAlchemy
from flask_login import (
    LoginManager, UserMixin, login_user, login_required, logout_user, current_user
)
from forms import DashboardForm
from utils import create_updated_resume_pdf, extract_skills_from_text
from matcher import match as match_resume, extract_skills_from_text as matcher_extract_skills

from flask_wtf import FlaskForm
from wtforms import StringField, PasswordField, SubmitField, BooleanField, SelectField
```

```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS

PS D:\Infosys\SkillMatch Resume> & "C:/Program Files/Python312/python.exe" "d:/Infosys/SkillMatch Resume/app.py"
 * Serving Flask app 'app'
 * Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
 * Running on http://127.0.0.1:5000
Press CTRL+C to quit
 * Restarting with watchdog (windowsapi)
 * Debugger is active!
 * Debugger PIN: 101-884-237
```

Copying or clicking the local server link provided by Flask (http://127.0.0.1:5000).


```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS

PS D:\Infosys\SkillMatch Resume> & "C:/Program Files/Python312/python.exe" "d:/Infosys/SkillMatch Resume/app.py"
 * Serving Flask app 'app'
 * Debug mode:
WARNING: This  [Follow link (ctrl + click)] ver. Do not use it in a production deployment. Use a production WSGI server instead.
 * Running on http://127.0.0.1:5000
Press CTRL+C to quit
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```
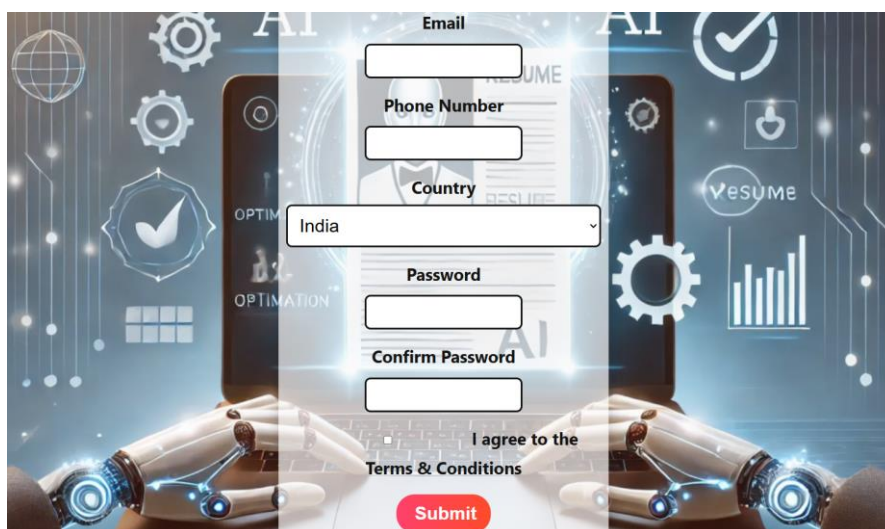
The home page of the SkillMatch Resume web application appears on the browser.

Navigating to the **Register** page by clicking on the *Sign Up* option.

Filling in user details such as name, email, username, and password in the registration form.

Submitting the registration form — message displayed: *Registered successfully.*
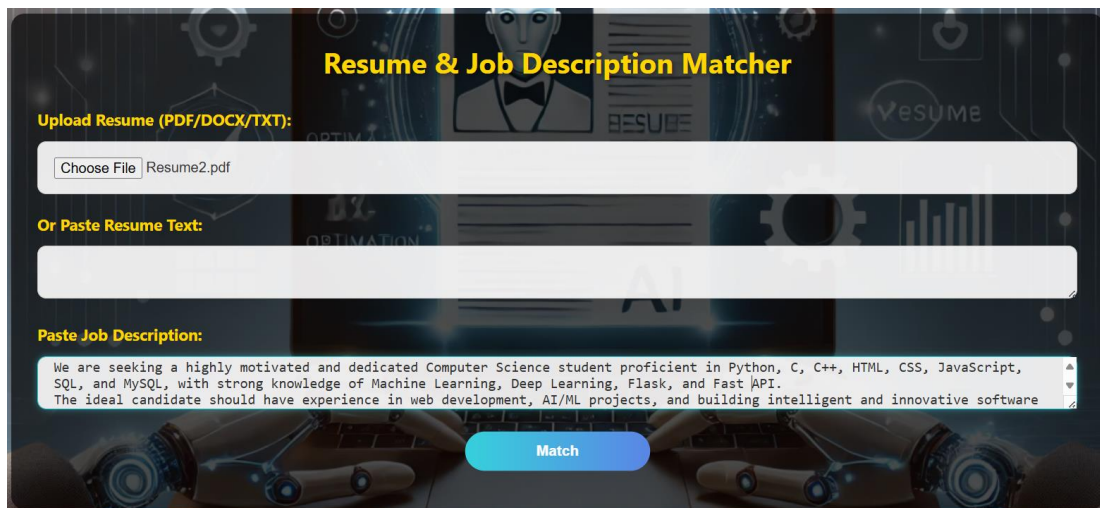

Logging in using the registered username and password on the **Login** page.

Successful login confirmation message is displayed, and the dashboard page is loaded.

The **Resume Upload Dashboard** is displayed with options to upload a resume and enter a job description.

Clicking the **Match** button to start the resume–job comparison process.

The **Match Result** page displays the ATS score, matched skills, missing skills, and overall match percentage.

Match Results	
Match Score	62.3%
Text Similarity	37.2%
Skill Coverage	100.0%
Matched Skills	css, fastapi, flask, html, javascript, python, sql
Missing Skills	None
ATS Score	100.0%

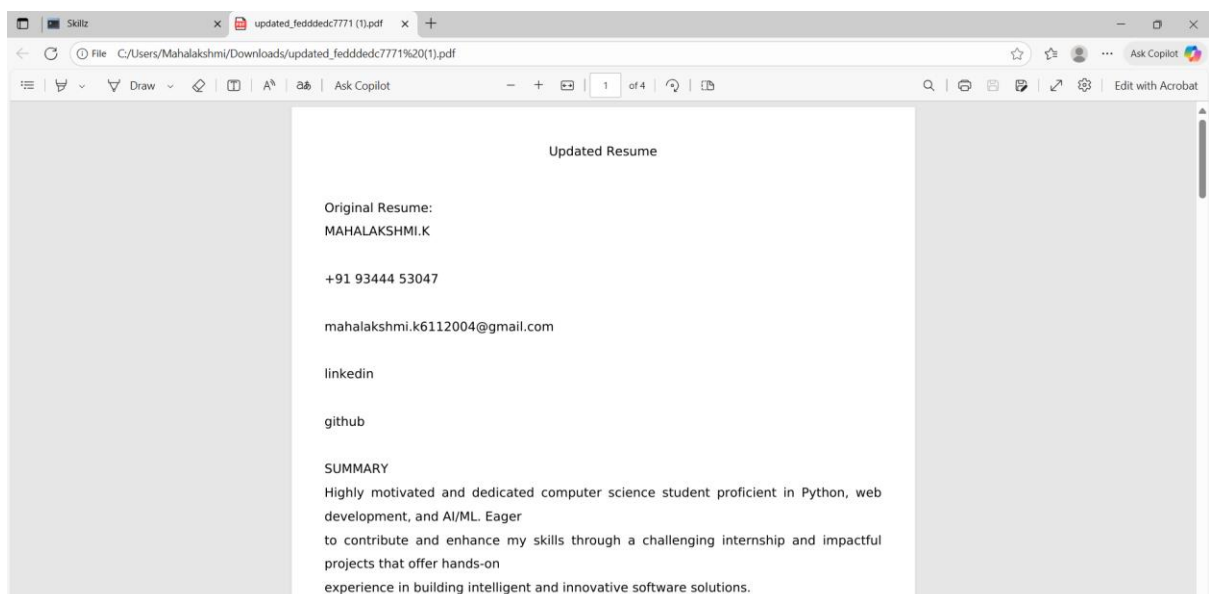Viewing the **Original Resume Text** displayed for reference on the same page.
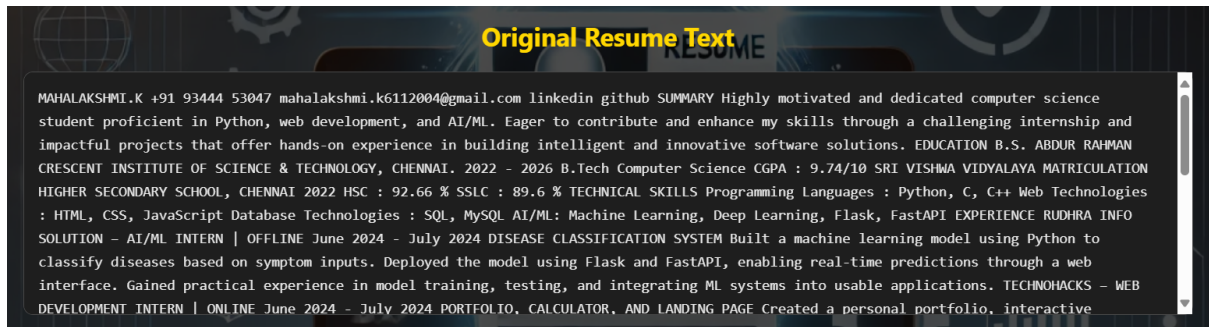
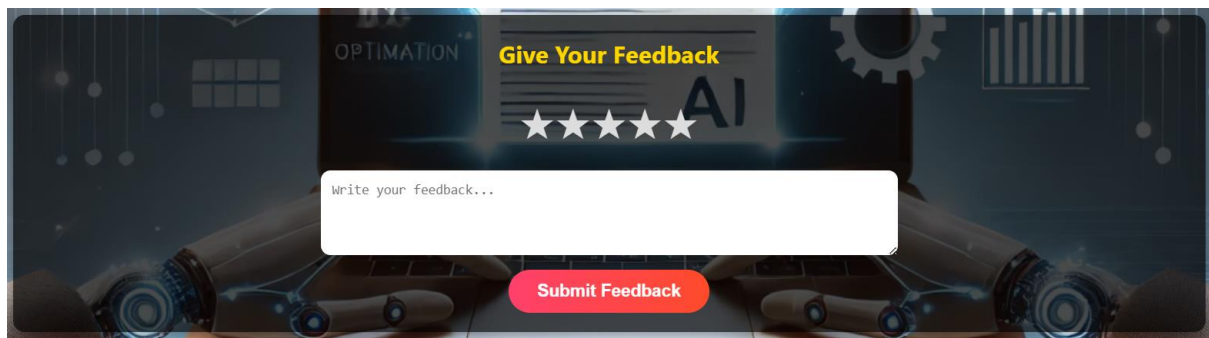Clicking the **Download Updated Resume** button to generate an improved resume.
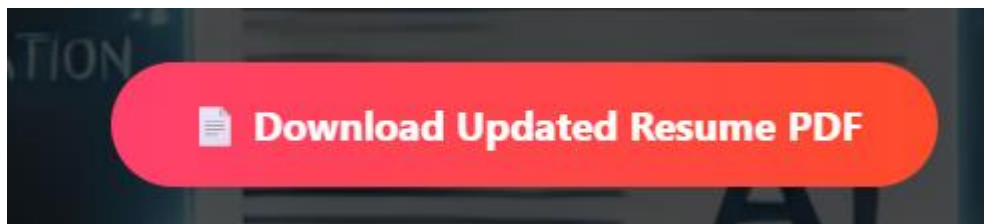
Pop-up window appears to download the updated resume in PDF format.
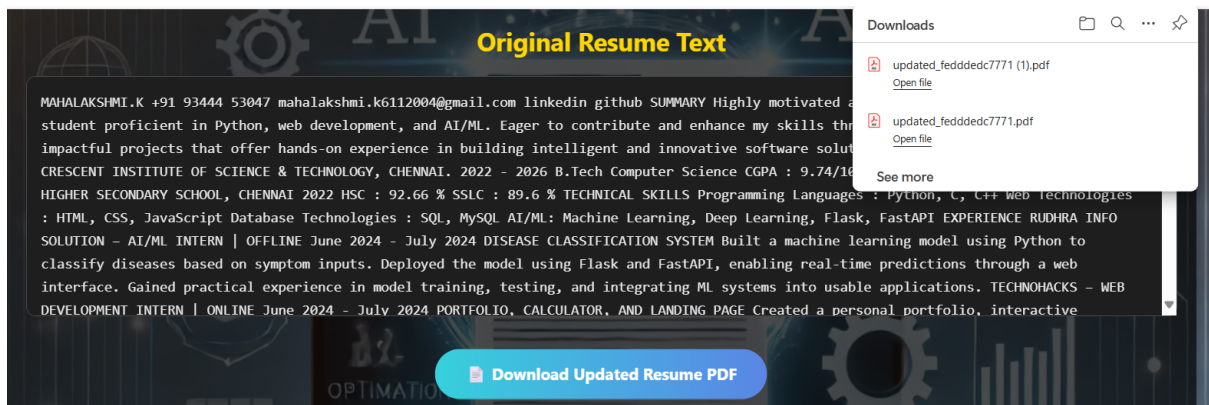
Opening the downloaded **Updated Resume PDF** showing suggested skills added.

Navigating to the **Feedback Section** to rate the application.
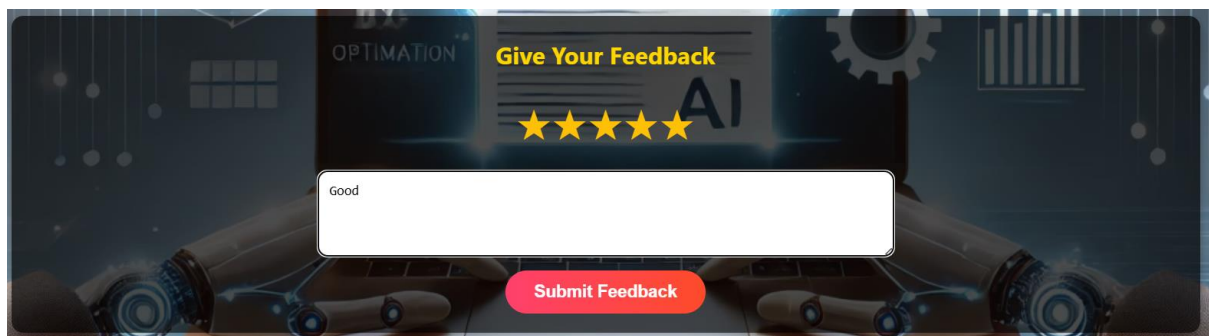
Filling in the feedback form with star rating and comments.

Submitting feedback — confirmation message displayed: *Feedback submitted successfully.*