

Resume Analyzer Project Overview

About the Project

The Resume Analyzer is a web-based application built using Flask. It allows users to upload resumes in PDF format, extracts text using PDF parsing libraries, and analyzes the content to suggest suitable job roles based on skills, qualifications, and experience.

Key Features:

- User authentication (Login with username & password)
- Resume upload and PDF parsing
- Text extraction and skill/experience analysis
- Job recommendation engine
- Profile picture with dropdown info
- Professional UI with animations

Technology Stack

- Backend: Python with Flask
- Frontend: HTML, CSS, JavaScript (inline CSS and animated UI)
- PDF Parsing: PyMuPDF / PDFMiner
- Templates: Jinja2
- Session Management: Flask Sessions

Purpose

This project aims to automate resume screening and provide job suggestions efficiently. It's a useful tool for HR professionals, career counselors, and job seekers.