

ATS Resume Checker Documentation

Project Overview

The ATS Resume Checker is a web application designed to help job seekers optimize their resumes for Applicant Tracking Systems (ATS). It analyzes resumes based on key parameters and provides feedback for improvement.

Technologies Used

- Google Gemini : For AI-powered resume analysis.
- Streamlit : For building the web interface.
- Python : For backend logic and data processing.

Project Setup

1. Clone the Repository

```
git clone https://github.com/sangamyo/ATS_RESUME_CHECKER_BY_GOOGLE_GEMNI
cd ATS_RESUME_CHECKER
```

2. Install Dependencies

```
pip install -r requirements.txt
```

3. Add Google Gemini Key

Create a file named `.env` in the project root directory and add your Google Gemini API Key:

```
GOOGLE_GEMINI_API_KEY=your_api_key_here
```

4. Run the Application

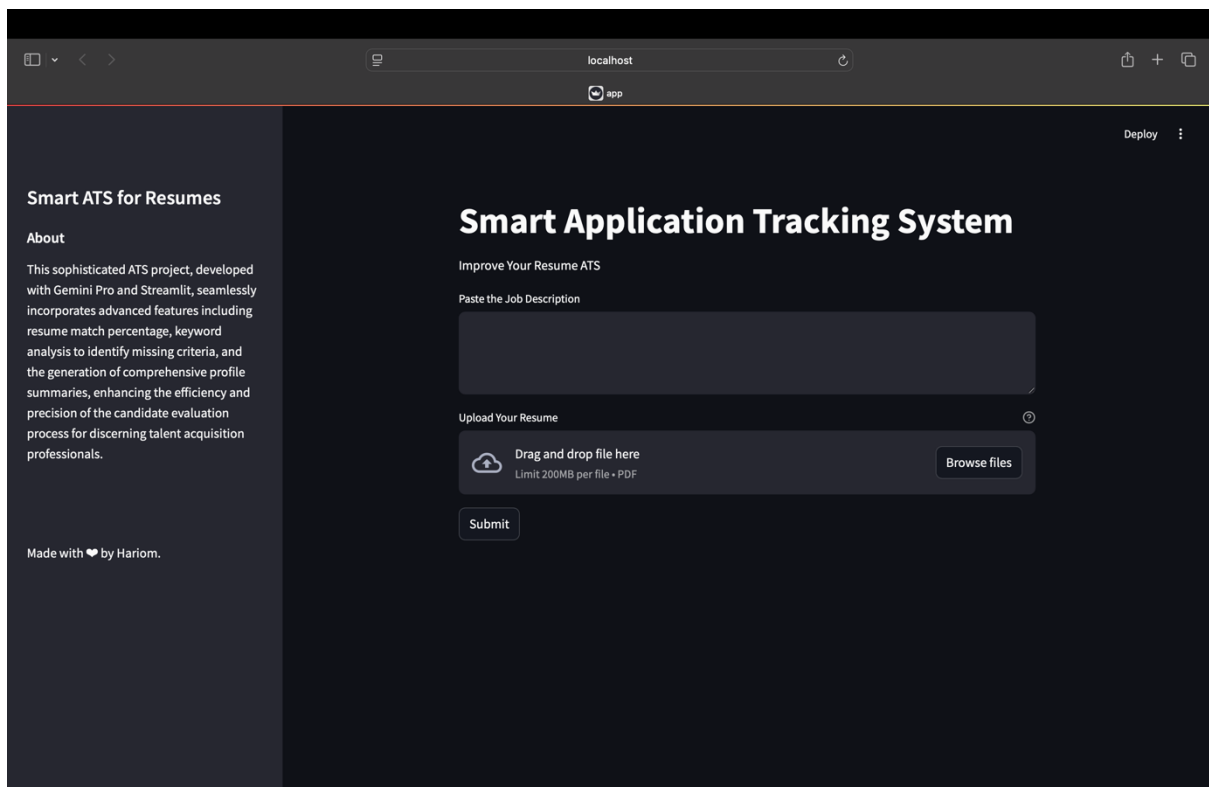
```
streamlit run app.py
```

Features

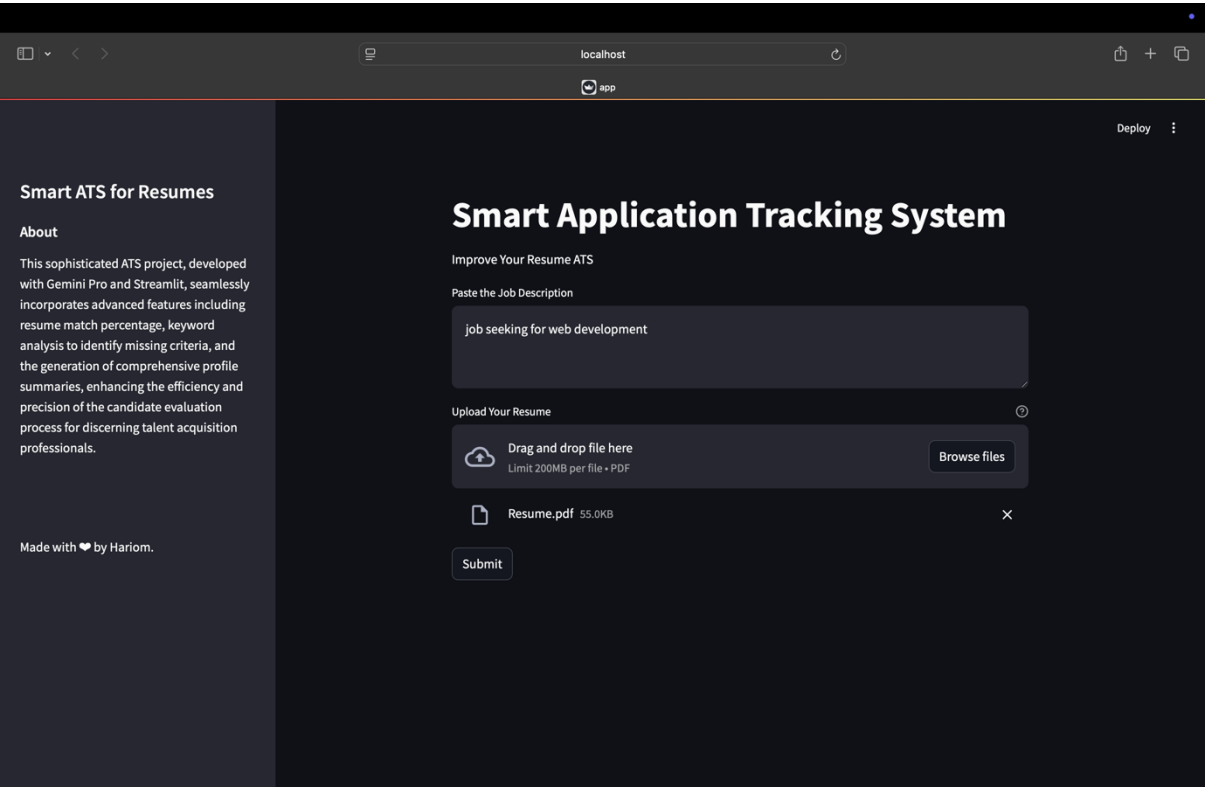
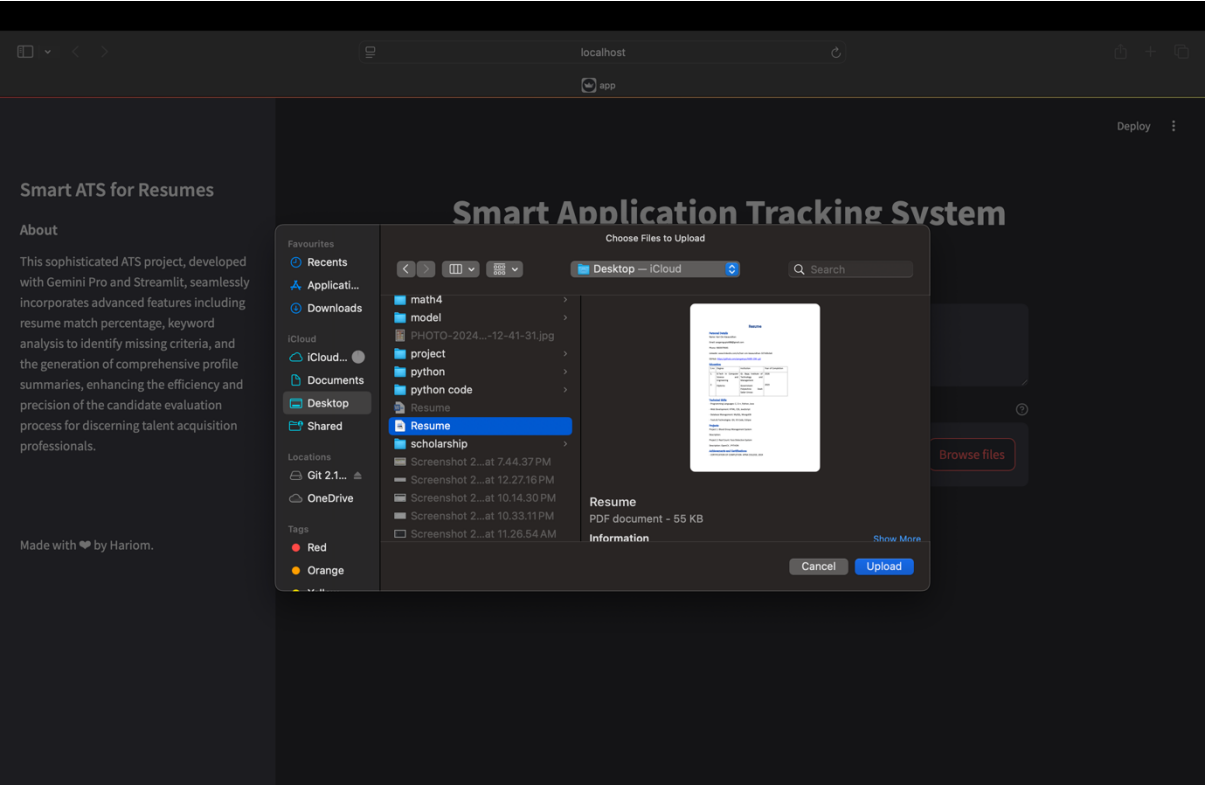
- Resume Upload: Upload resumes in PDF format only.
- Keyword Matching: Checks resume content against job descriptions.
- Score Calculation: Provides a compatibility score.
- Improvement Suggestions: Offers actionable tips.

Screenshots

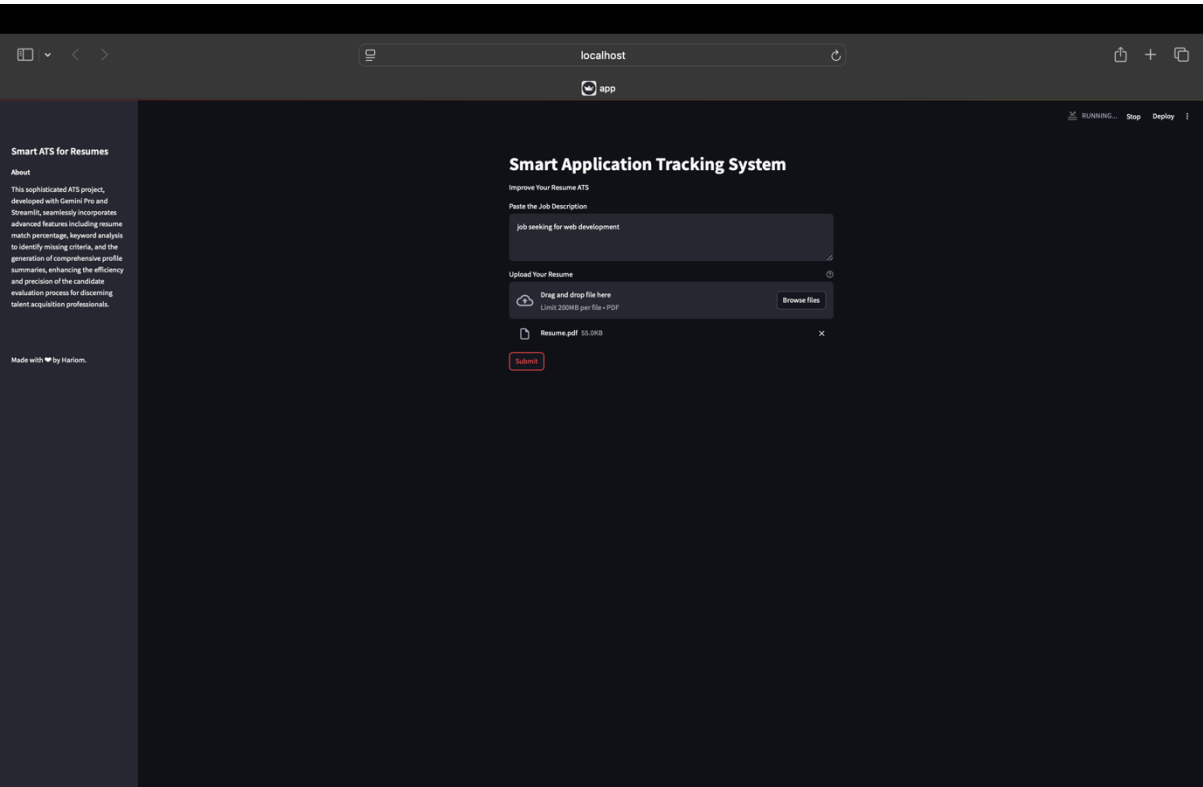
Application Interface



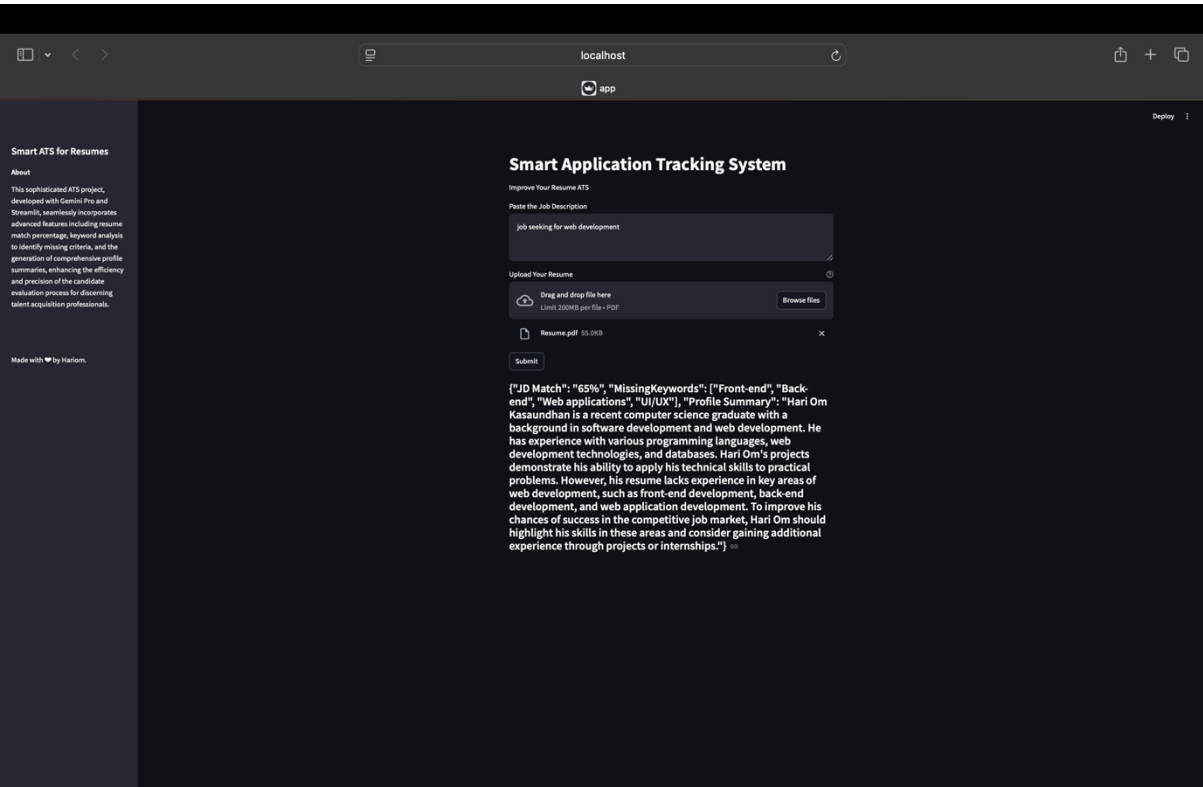
Resume Upload Section



Analysis Results



Output Example



Conclusion

The ATS Resume Checker streamlines the resume optimization process, enhancing job application success rates. Future improvements include expanding language support and adding more detailed resume analytics.

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