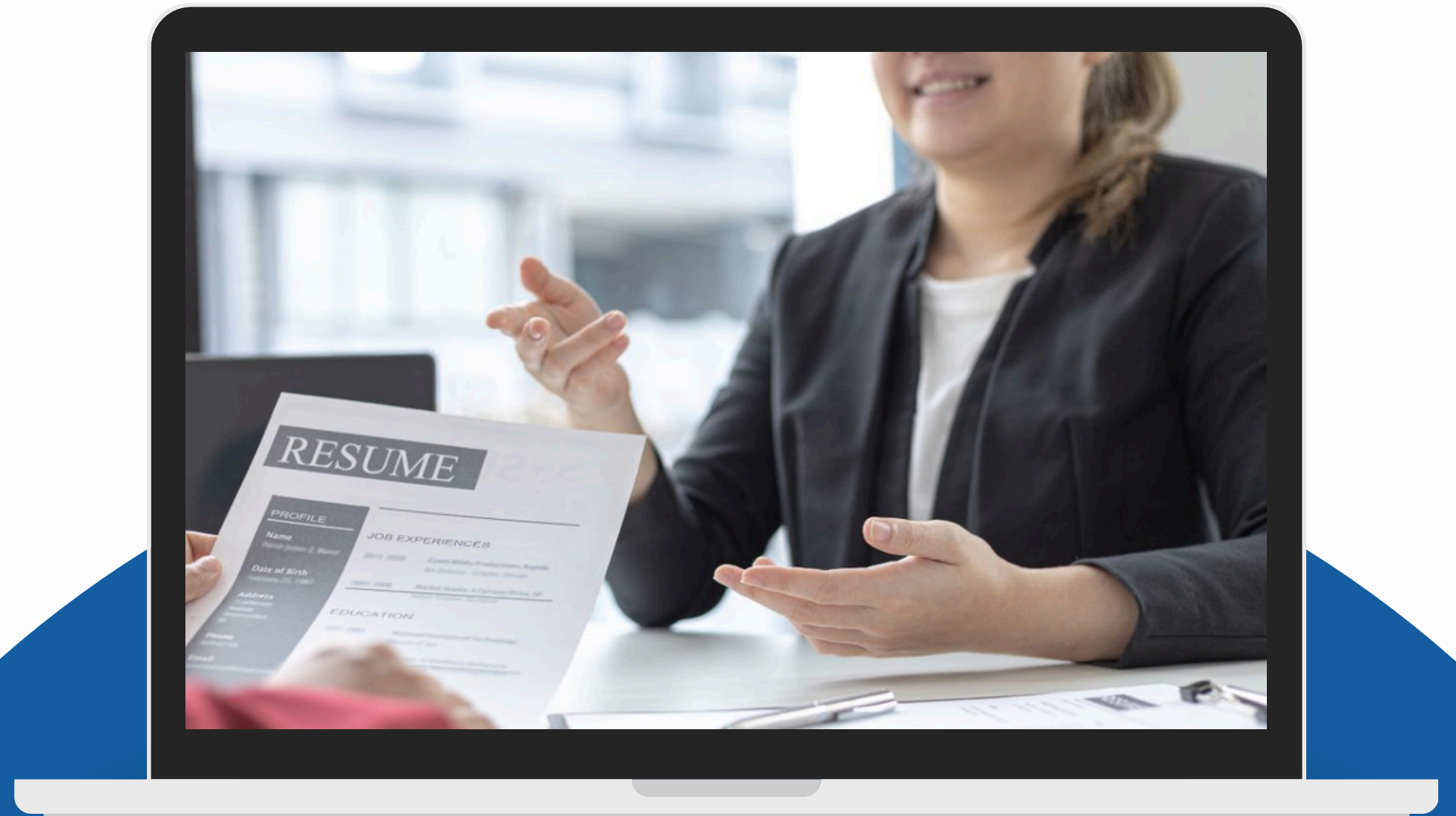


Resume Evaluator

An App that turns messy resumes
into clear decisions – instantly!

Built using Trae AI IDE

By: Brainstormers



Our Team

Sneha Maheria

Drashti Senjaliya

Purnika Singh





Problem Statement

- Traditional resume filtering was manual and slow
- HRs often miss candidates with good skills due to keyword mismatch.
- No easy way to extract and analyze resume content in bulk
- Irrelevant resumes often show up first — wasting HR's time and patience.

Short Description

- This app makes recruitment easier by automatically pulling out important details from resumes—like skills, experience, projects, and achievements.
- It then ranks candidates based on number of skills, skills that match (1/1), total experience and number of achievements helping HR teams quickly spot best candidates that matches your requirement.
- By filtering out irrelevant resumes, it saves time and cuts down on the usual hiring headaches.
- With simple PDF uploads, the app provides a clear, ranked overview of applicants, turning bundles of resumes information into easy to understand insights for smarter faster hiring decisions.



What happens under the hood?

- When you upload more than one PDF resume, the app smartly parses information such as candidate name, skills, total experience, projects, and achievements.
- It then matches this data with the job requirements you've inputted e.g., preferred skills or level of experience.
- Every resume is ranked and scored based on relevance. Rather than eliminating candidates altogether, the app presents all of them listed from in a ranked order so that you won't miss out the skilled ones.
- This provides recruiters with complete visibility, but saving time and enhancing hiring decisions.

Upload resume



Parse & Anlyze



Rank & Display



Technology Used

The project makes use of Python with PDF Plumber to effectively extract and process resume data, Streamlit for the user interface, and Trae AI IDE for intelligent code assistance.

01

Trae AI IDE

02

Streamlit

03

Chat GPT

04

Gemini AI

DEMO: RESUME EVALUATOR IN ACTION (1)

Resume Evaluator

 Instructions & Supported Resume Format



Job Requirements

Enter Job Title:

python developer

Select Minimum Experience Required:

Minimum 3 Years



Enter Required Skills:

python java

Enter Expected Salary (Optional):

e.g. \$80,000

Upload Resumes

Upload Resumes



Drag and drop files here

Limit 200MB per file • PDF

Browse files

 Evaluate Resumes

Built with ❤️ using **ResumeEvaluator AI** 

For best results, use structured resumes in PDF format

DEMO: RESUME EVALUATOR IN ACTION (2)



Ranked Resumes for python developer



		Candidate	Exp (Yrs)	Skills Match	Skills
0	1	Priya Kapoor	5	0/1	Content Creation, Digital Marketing, Google Ads, Seo, Soc
1	2	Vikram Mehta	5	0/1	Autocad, Matlab, Project Management, Solidworks
2	3	Rahul Sharma	4	0/1	Data Analysis, Java, Machine Learning, Python, Sql
3	4	Rohan Singh	3	0/1	Excel, Power Bi, Python, Sql, Tableau



Download Ranked Results CSV



Detailed Resume Information



Priya Kapoor - Score: 16.0 - sneha Resume4.pdf



Detailed Resume Information



Priya Kapoor - Score: 16.0 - sneha Resume4.pdf



Rank Score: 16.0



Experience: 5.0 years



Skills Matched: 0/1



Projects: 2



Achievements: 2



Skills:

Content Creation

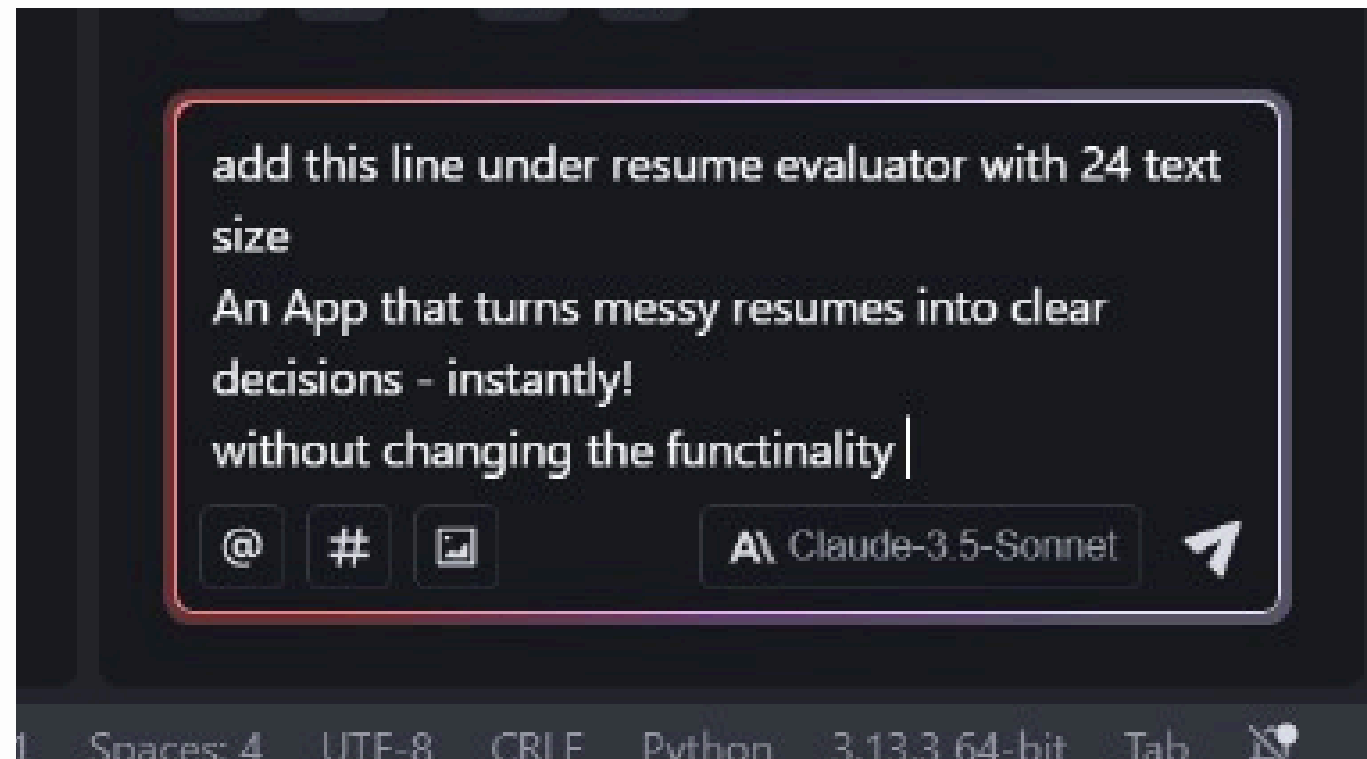
Digital Marketing

Google Ads

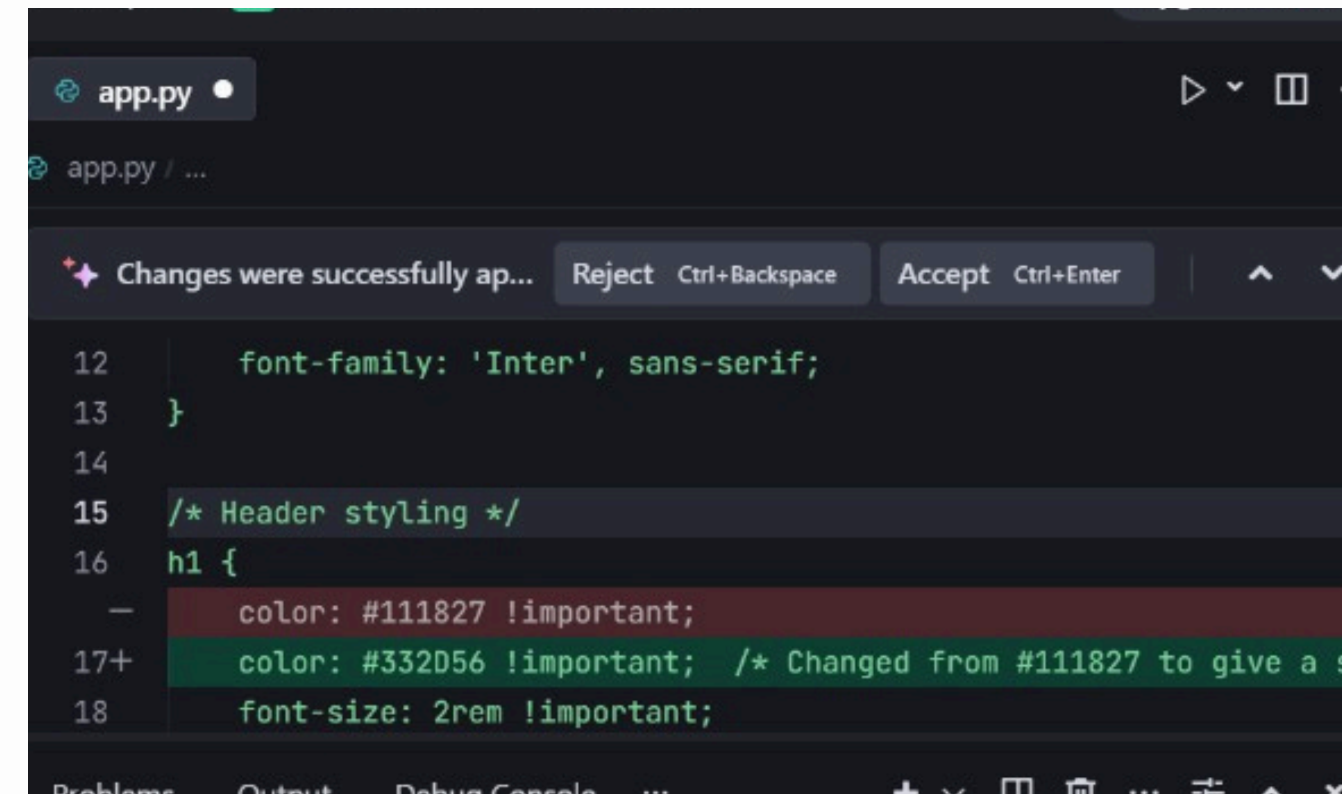
Seo

Social Media

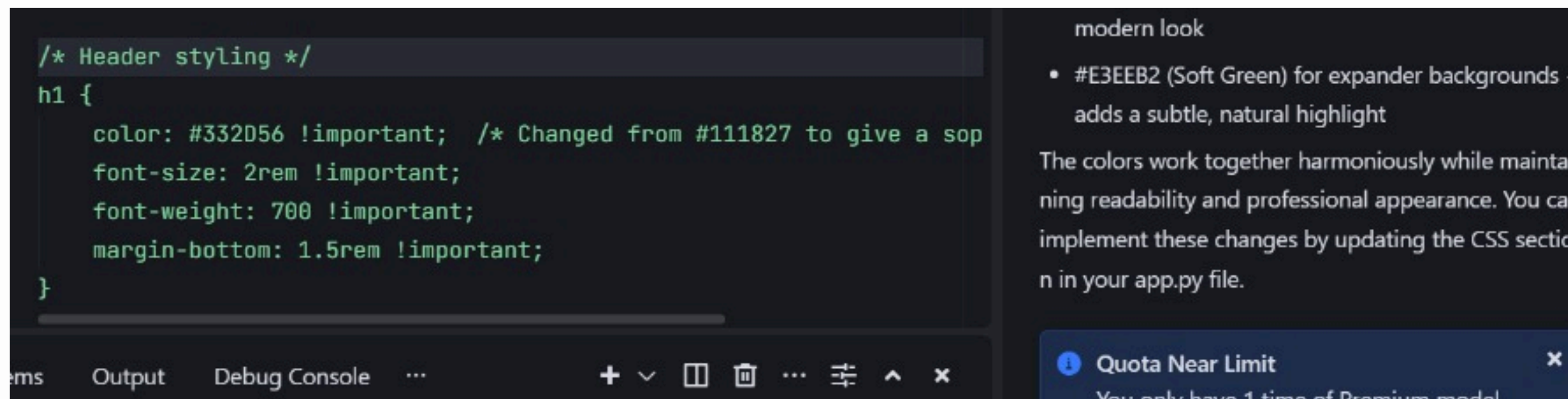
How Trae AI IDE helped us?



We described what we wanted — the IDE understood and processed it.



It gave us ready-to-use, clean code as per our instructions.

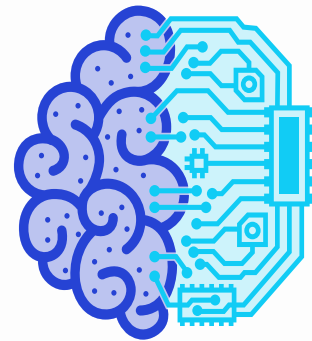


Objectives



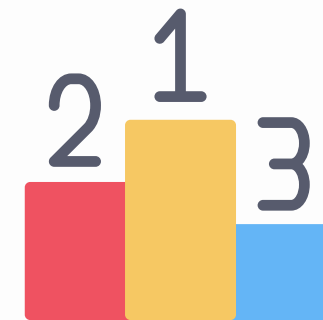
Resume Upload

Allow users to upload one or multiple resumes in PDF format for evaluation.



Parse & Analyze

Extract each resume's total experience, accomplishments, projects, and skills



Rank & Display

Sorts resumes based on skills that matches in a ranked order.

PROTOTYPE AND SCALABILITY

PROTOTYPE

- Streamlit was used to build the early working model.
- Resumes are uploaded, parsed, and ranked.
- uses actual data to illustrate important features.

SCALABILITY

- Create a database to hold extensive resume collections.
- Add dynamic skill matching according to a job.
- To enable multi-user access, deploy to the cloud.
- Upgrade in the future: ML-based ranking.

Application Areas



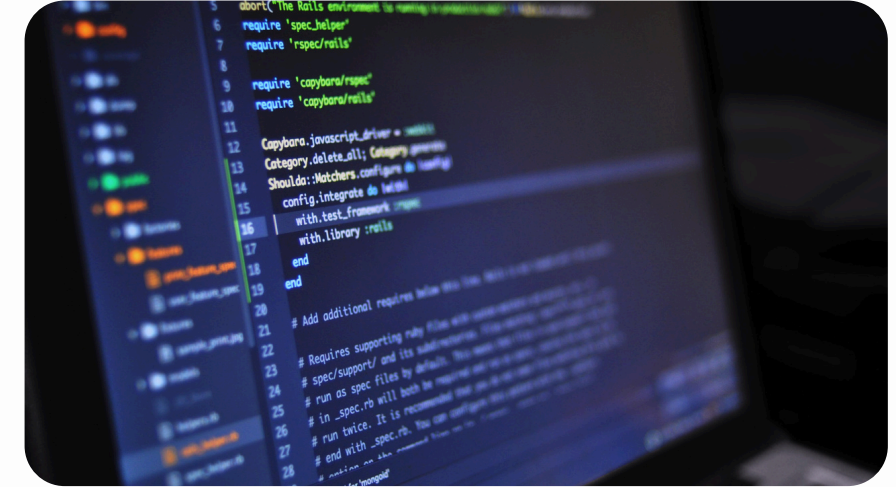
Recruitment Agencies

Identify top candidates



Campus cell

To filter student resumes for internships or entry-level jobs



Freelancing

To evaluate resumes for gig-based coding, design, or dev roles.



Job Portals

Improve candidate-job matching accuracy and search results



Corporate Hiring

Quickly shortlist candidates to speed up recruitment.

Challenges

- Parsing Unstructured Resumes
- Extracting consistent data from resumes with different layouts and writing styles was complex and required a lot of trial and error.
- Limited Experience & Time on Trae AI .
- As beginners, we had to quickly learn new tools and concepts while managing deadlines and building a working prototype.



Learnings

- Smart Use of AI Tools
- We learned how to effectively use and provide prompts on Trae AI
- From front-end to back-end, we experienced what it takes to build a complete app, from logic to deployment.
- Team Collaboration & Problem Solving
- Dividing roles, communicating ideas, and resolving bugs together made us better collaborators and learners.



Future Plans

- Make It More Generalized
- Adapt the app to work with a wider variety of resume formats across different industries—not just structured tech resumes.
- Scalability & Integration
- Develop API endpoints so it can integrate into HR platforms and Applicant Tracking Systems (ATS) used by companies.
- Smarter Ranking with AI
- Integrate AI/ML models to improve candidate ranking by learning from past hiring decisions and patterns.
- Better UI/UX Design
- Extend beyond PDFs to support Word documents and plain text files for more flexibility.



THANK YOU!

We look forward to making hiring smarter at every step.

Your feedback will help us enhance it further to better support smart hiring decisions.

