



# Smart Recruiter Assistant

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A RAG-based CV Query and  
Job Matching System

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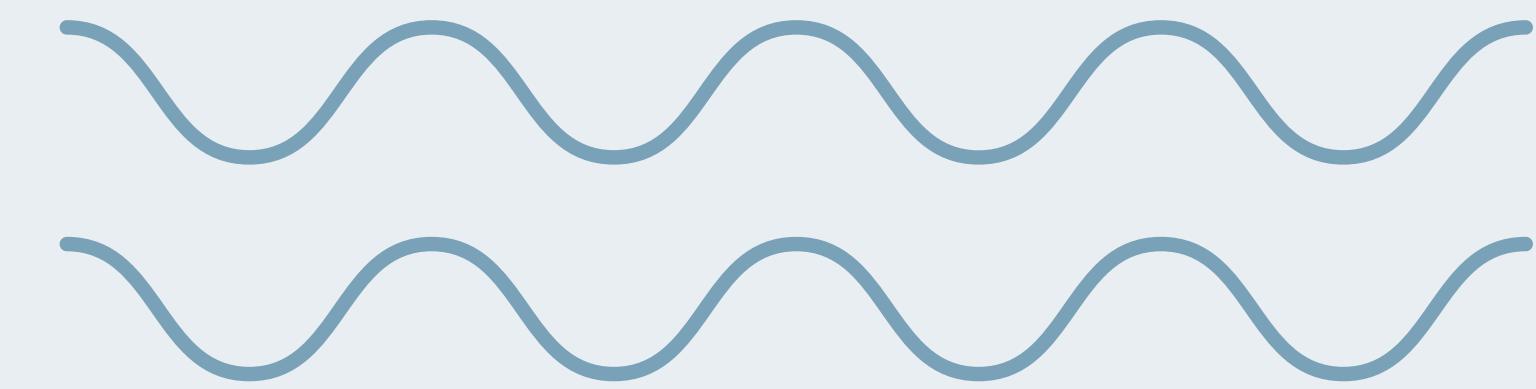
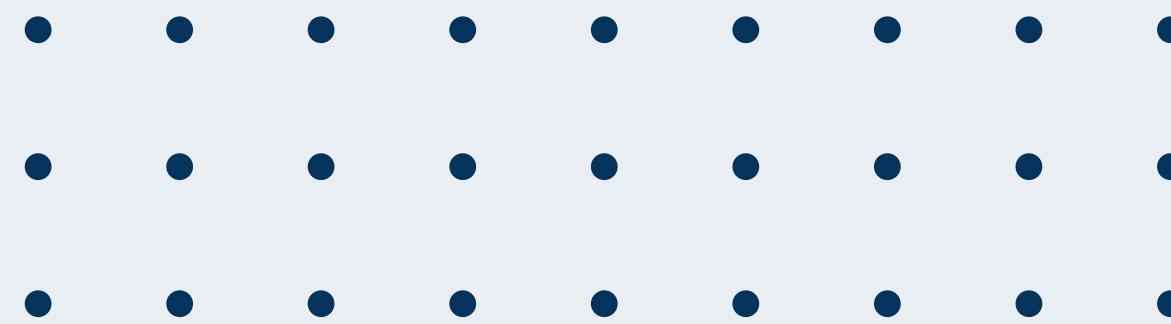
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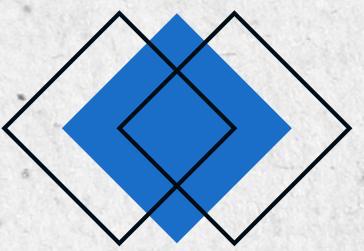
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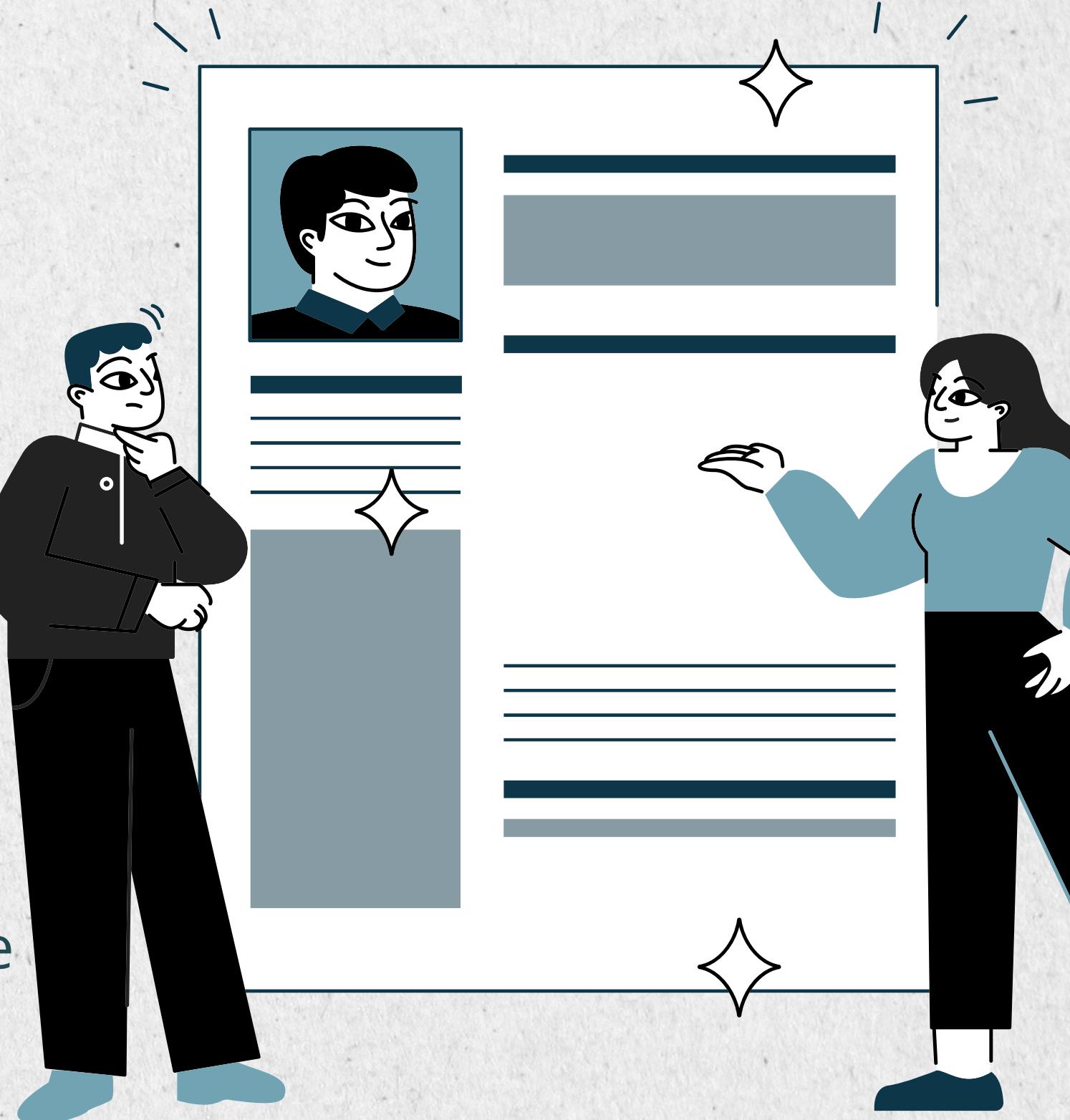


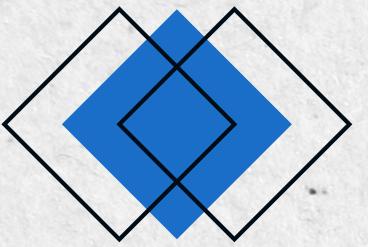
# Problem Motivation

Recruiters waste hours manually reviewing CVs, often missing strong candidates due to inconsistent formatting or vague keywords.

Traditional search tools can't grasp the meaning behind job titles or skills. For instance:

- A recruiter searching for "**Time Series Forecasting**" might miss candidates who wrote "**ARIMA modeling for sales prediction**."

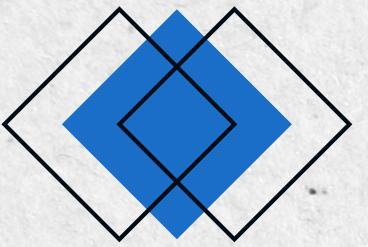




# Our Solution

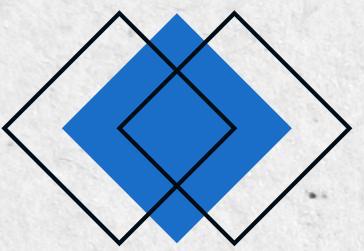
Our **Smart Recruiter Assistant** is an AI-powered recruitment platform designed to streamline and enhance the candidate evaluation process by automating CV analysis, enabling semantic search through natural language queries, and intelligently matching candidates to job descriptions based on their skills, experience, and education.



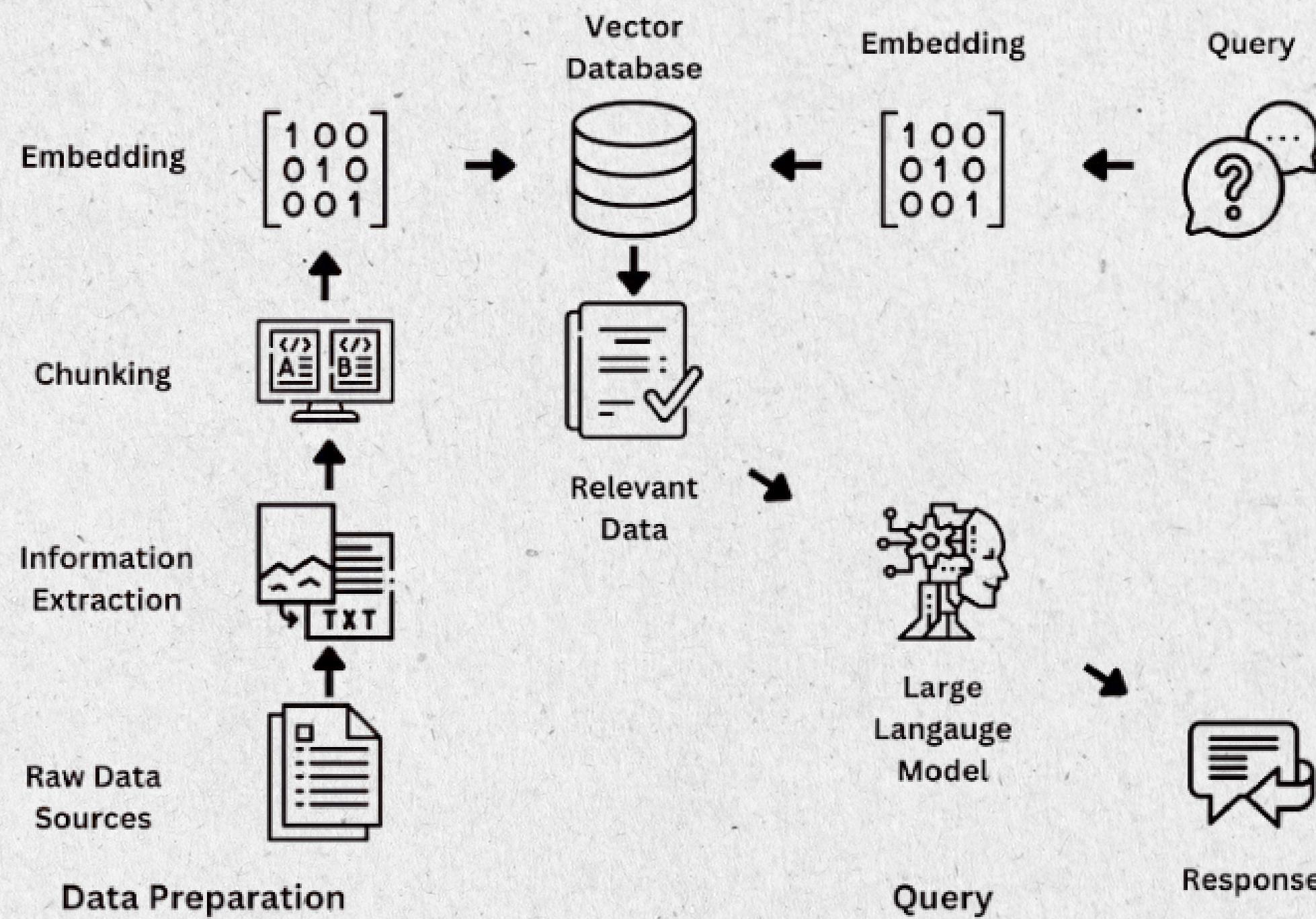


# Project Structure

```
.-  
|   main.py          # Streamlit app UI  
|   llm_config.py    # LLM and embeddings config  
|   process_files.py # Extract text from files  
|   process_query.py # Query vector DB with AI  
|   vector_store.py  # Embedding & similarity search  
|   assets/          # Animations or images  
|   requirements.txt  
|   .env
```



# Project Architecture



# Features

A

## Job Recommendation

search the web for job postings suitable for the highlighted CV.



B

## Answer HR Query

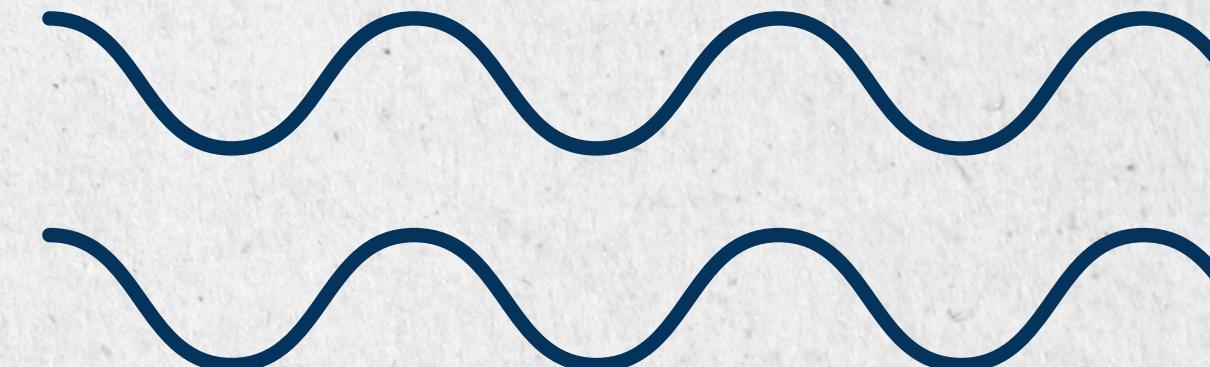
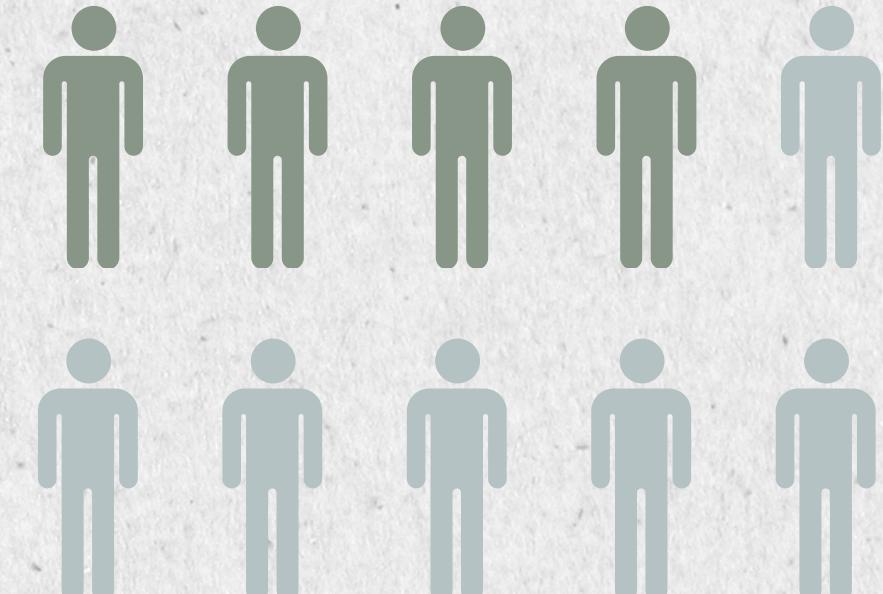
answer questions like: "Who has good experience in Time Series?"

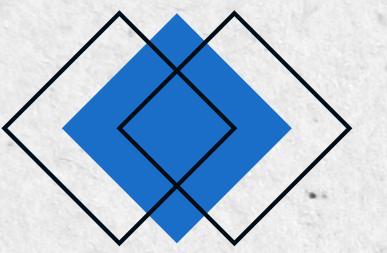


C

## Candidate Profile Summarizer

Automatically generate a short (3-4 lines) summary for each CV





Live Demo



# Our Team



M

Mariam Osama



A

Aya Attia



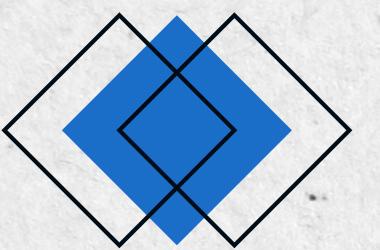
Y

Yasmin Kadry



R

Reham Elkasaby



THANK YOU

