

# A.I. Driven Matching Engine

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Sponsor: Kompletion, LLC

Capstone 2024

## Business Need

- In 2022, the recruitment industry surged to a staggering \$22 billion.
- In the dynamic realm of staffing firms, the challenge of a 25% annual turnover rate highlights the pressing need for strategic interventions.
- Recruiter burnout occurs due to 60 hours of weekly work through the research and analysis of job applicants.
- Employees want to find a job FAST! How can we shorten this process to make a difference?

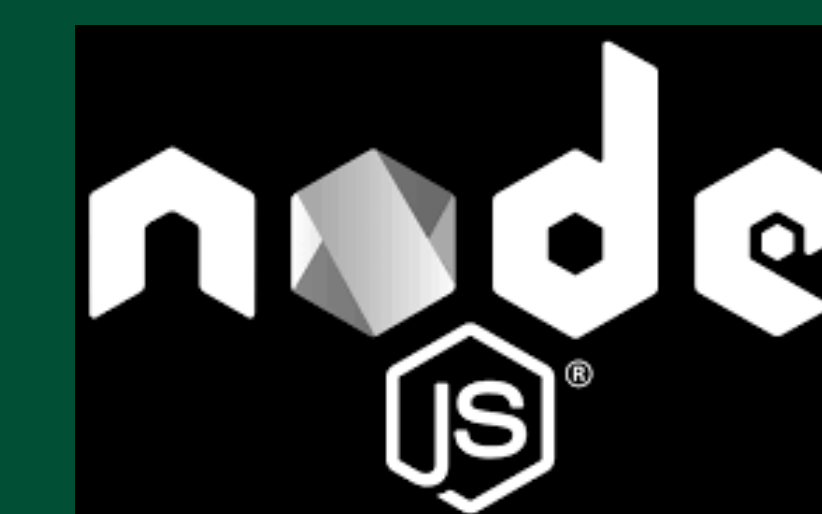
## Intended Solution

We aimed to develop an advanced job description "Matching Engine" designed to elevate recruiters' capabilities in identifying the most fitting resumes for job placement.

Front End



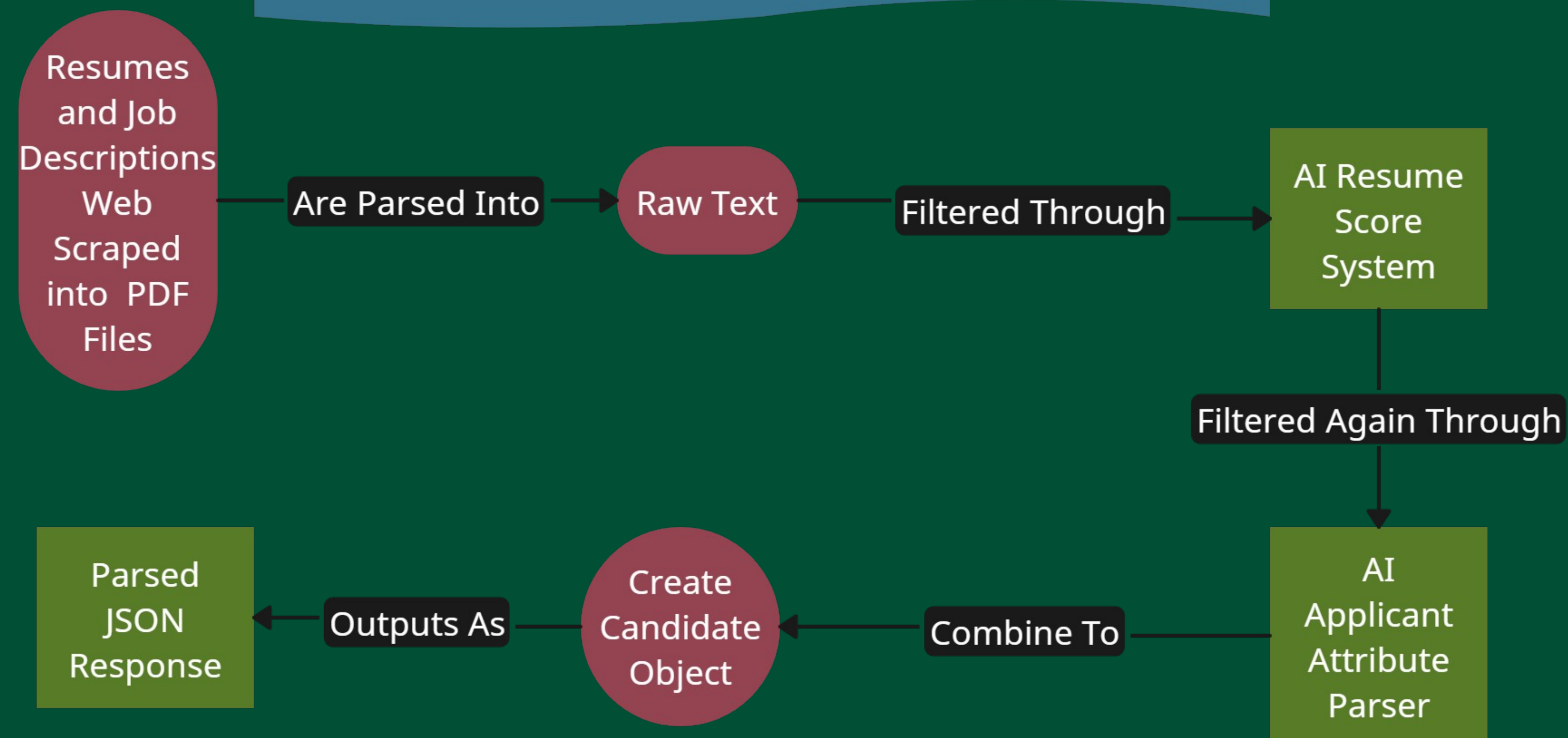
Back End



LLM



### AI Backend Workflow



## Front End Wireframe

