



HypedUp! Presents....

The Autonomous Job Board

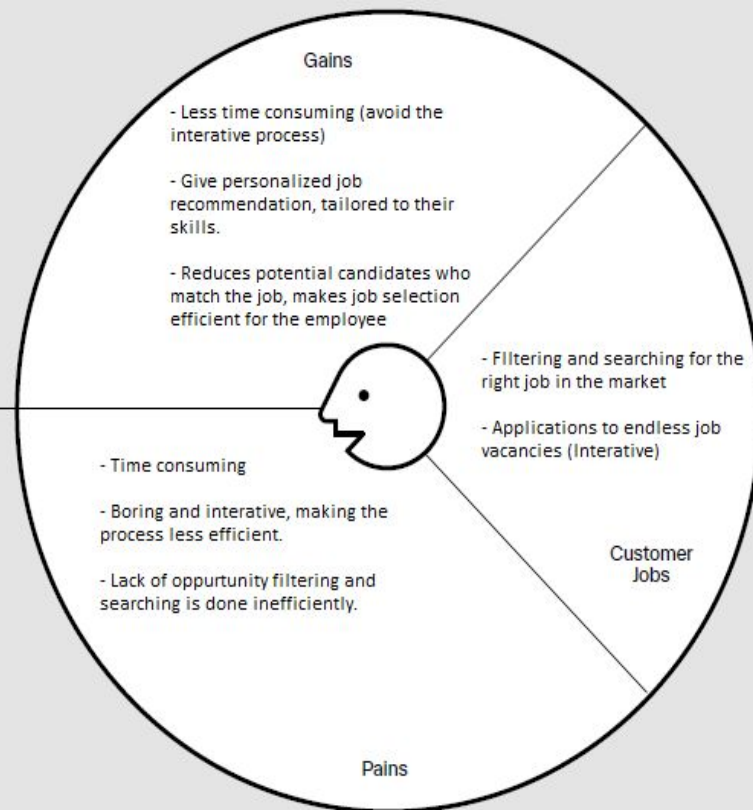
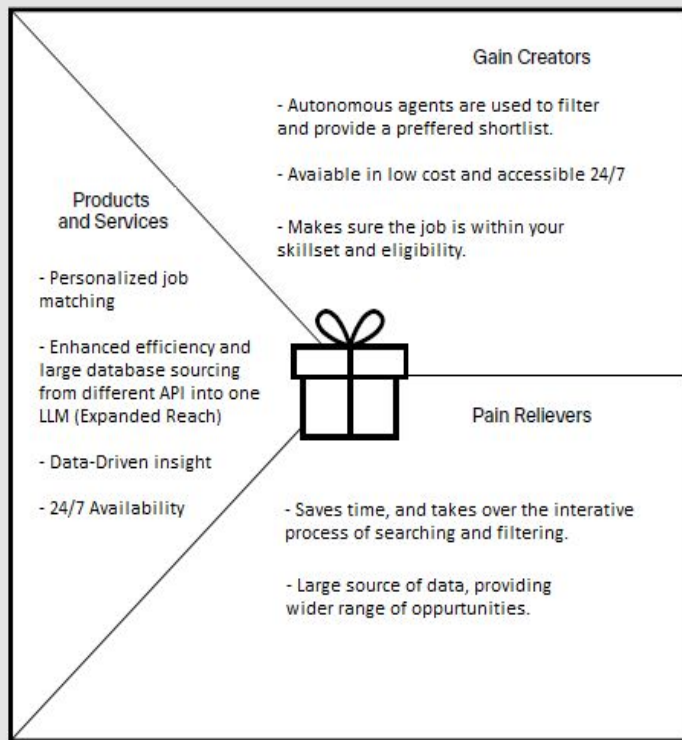
Searching...

Introduction



- Mismatched skills
- Frustration due to large number of rejections
- Being overqualified or underqualified
- Remote job search challenges

Value Proposition



Current Market



Job aggregators

- Vast database
- Keyword dependency, causing inefficient filtering
- Duplicate postings
- Iterative process without assistance

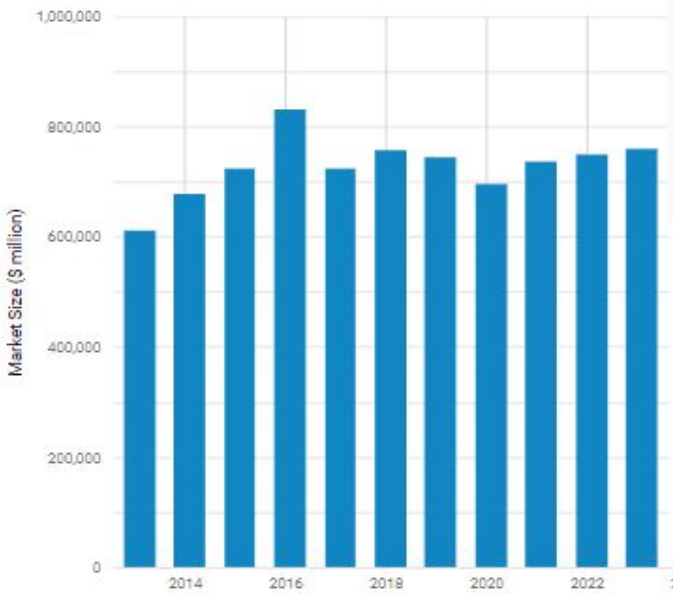
Eg: Google Jobs, Indeed, LinkedIn, Glassdoor...

Consultation services

- Each locations have their preferred consultation services
- Local connections with companies
- Be an expensive endeavour
- Companies would lack employer branding

Eg: RobertHalf, Michael Page, Randstad...

cite: *Online recruitment technology market size, 2023–2030*. Online Recruitment Technology Market | Forecast Report [2030]. (n.d). <https://www.fortunebusinessinsights.com/online-recruitment-market-103730> /industry/market-research-reports-and-statistics-ibisworld. (n.d). <https://www.ibisworld.com/global/market-size/global-hr-recruitment-services/>



\$761.6bn Global HR & Recruitment Services Market Size in 2023

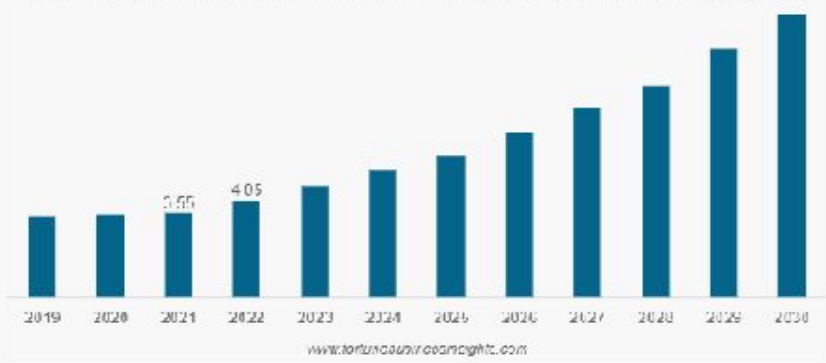
1.4% Global HR & Recruitment Services Market Size Growth in 2023

0.1% Global HR & Recruitment Services Annualized Market Size Growth 2018–2023

- Steady market for Global HR & Recruitment Services.

- If a specific place like north america is considered. The online recruitment service grosses over 5 Billion in 2023.

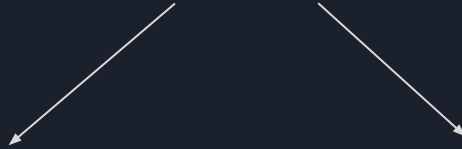
North America Online Recruitment Technology Market Size, 2019-2030 (USD billion)



- With just 1% of the revenue for the autonomous recruitment agent will be over 50 million USD per year.

- Shows great potential towards this market of AI in recruitment

Target Audience

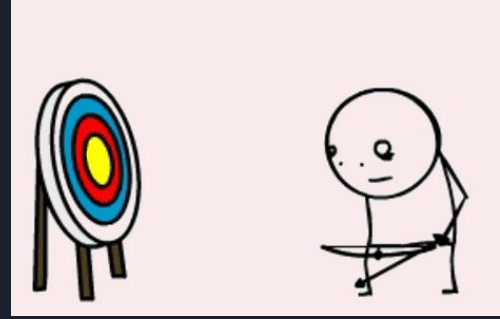


Jobseekers

- College graduate
- People transitioning job
- Remote workers, who wants to move abroad but not sure of the local market.

Employers

- AI agents help match suitable employees for the job vacancy (with full analysis of one's soft and hard skill)



Novelty

- Real-time Insights on Market Trends and Job Demands
- Hidden gems (vacancies that are not much advertised) be found.
- Shows **quantitative stats on attainability** for a job vacancy (attainability index)
- **Proactive Job Market Analysis** - leverages market demand and recommends job seekers on new skills to learn that increases the job seekers market value.





Technical Aspects

- We mainly built on Langchain and weaviate
- PyPDF2 and OpenAI embedding employed for PDF extraction
- Imported API calls for data on various top job portals and stored into vectordb
- Created a QA chain to retrieve the most similar jobs
With an similarity index

Frameworks used
Langchain,,OpenAI, Waeviate,



DEMO

Github Link: <https://github.com/Ramshankar07/HyypedUp>



Thank You