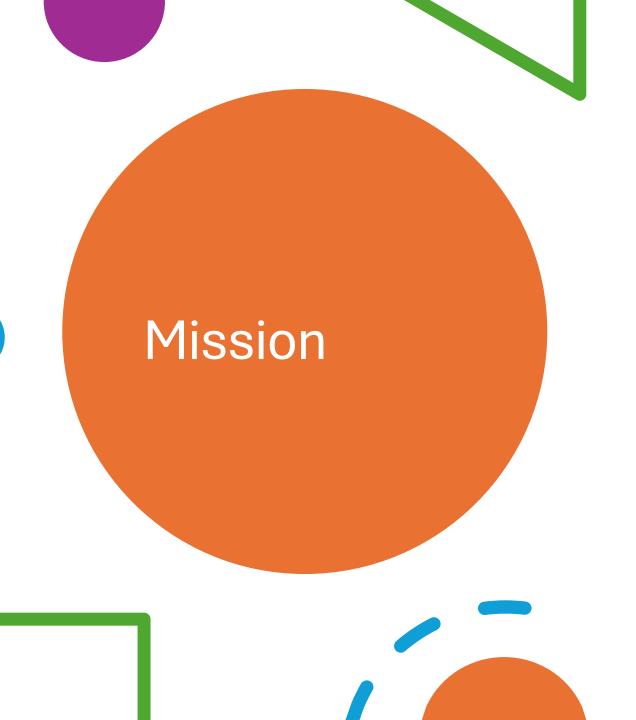# Job Makerspace

# Problem Space

- WIBG if we had a platform that could use advanced RAG technology to not only match job seekers with ideal job opportunities based on their resumes, career aspirations, and cultural fit, but also help companies predict the long-term success of candidates, thus revolutionizing the recruitment process and enhancing job satisfaction for both parties?

- We are developing a cutting-edge B2C job matching platform using Retrieval Augmented Generation (RAG) technology to enhance both recruitment and job search.

- Our platform matches job seekers with roles that align with their skills, career goals, and cultural fit, while also helping companies predict the long-term success of candidates.

# Mission

- By integrating technologies like Vectara for semantic search and RAG Pipeline, LlamaIndex for advanced data linking, and Together AI for model inference and fine-tuning, we aim to improve the job market, making hiring more efficient and satisfying for both candidates and employers.

# Tech Stack used

Vectara: For Developing the Corpus

LlamaIndex: To create Ingestion Pipeline

Together AI: Used for embedding and LLm

Xata: Database

Remix

LiteLLM: LLM

Open AI: LLM and Embedding

# Tech Stack used

- Novel
- TailwindCSS
- Vercel
- ReactJS
- ExpressJS
- Llama Parse
- FastAPI