# Resume Match along RAG bot(llm)

## Overview

This project is mainly focused on matching the skills in resume with the dataset we have uploaded priorly and we have also implemented RAG based chatbot with LLM where we can query prompt based on the database we have provided earlierly.

## Implementation workflow

- We have all models and embeddings from the hugging face

- we have also taken the dataset from the hugging face

- we have used Faiss vector database to get the retrival process much faster.

- We have designed a sleek UI where it showcase our details in effecinet manner.

- We have used Groq api and llama instant model from the groq for clear accurate bot response.

- We have used many functions to structure the data which the dataframe gives us.

- To showcase the UI in better way we have used inbuilt css styling and added the html function as True.

## INSTALLATION LIBARARY:

- transformers

- langchain_community

- langchain_core

- sentence_transformers

- datasets

- Pandas,OS,Fitz,,Streamlit,pptx