Assignment 11: Career Counseling Agent

Build a Career Counseling Agent using Ollama (llama3.2, your choice), LangChain, and Streamlit that helps users with career planning through an interactive chat interface. Your agent must implement four specific tools:

(1) a Skills Gap Analyzer that compares user skills against target job requirements and suggests learning paths,

(2) a Resume Scorer that evaluates resume content and provides actionable feedback with a score out of 10

(3) a Salary Estimator that provides realistic salary ranges based on job title, location, and years of experience,

(4) An Interview Question Generator that produces relevant technical and behavioral questions for different roles and difficulty levels.

The agent should use conversation memory to maintain context across messages, automatically decide which tools to call based on user queries, and present a clean chat interface with configuration options in the sidebar.

Submit screenshots of the working application with the code, along with example queries you tried.