# C:\Users\pc\Downloads\SkillCraft Technology.png

**📄 Intern Information**

**Name :** Naman Dangi

**Age : 19**

**Course :** B.Tech in Artificial Intelligence & Data Science

**Internship Role :** Prompt Engineering Intern

**Large Language Model (LLM) / AI Used :** ChatGPT based on GPT 5

**Institute :** HMR Institute of Technology & Management

**University :** Guru Gobind Singh Indraprastha University , Delhi

**Date :** 13 September 2025

**Total Hours for Task 1 :** 6 – 8 hours (Minimum)

**Mentor/Supervisor :**  N/A (Self - Paced Internship , guided by SkillCraft Instructions)

**Task 4 – Simulating an Assistant**

**📝 Task Description**

Build a simple assistant by chaining multiple prompts or simulating dialogue. Youll create a persona-driven interaction (e.g, job interview bot, tutor, customer support agent) that adapts across turns using structured prompt sequences.

Document how your assistant flows (step- by-step or via diagram), sample conversation logs, and any improvements made to get consistent responses

**️ Prompts Used**

Original Prompt: ...  
Improved Prompt: ...

**💻 Outputs (Examples)**

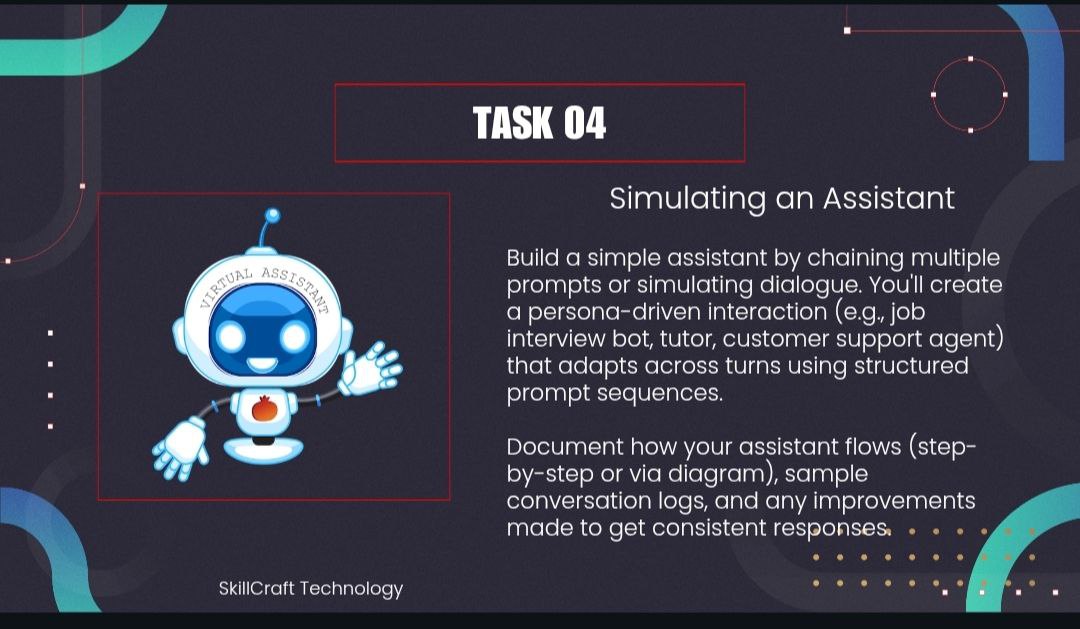
Input 1 → Output  
Input 2 → Output  
Input 3 → Output

**📊 Analysis / Comparison**

Comparison here...

**🔄 Reflection**

Reflection here...



**SOLUTION**

**CHAIN OF PROMPTS - EXAMPLE 1**

INPUT 1 :

You are an HR interviewer. Greet the candidate politely and ask them to introduce themselves.

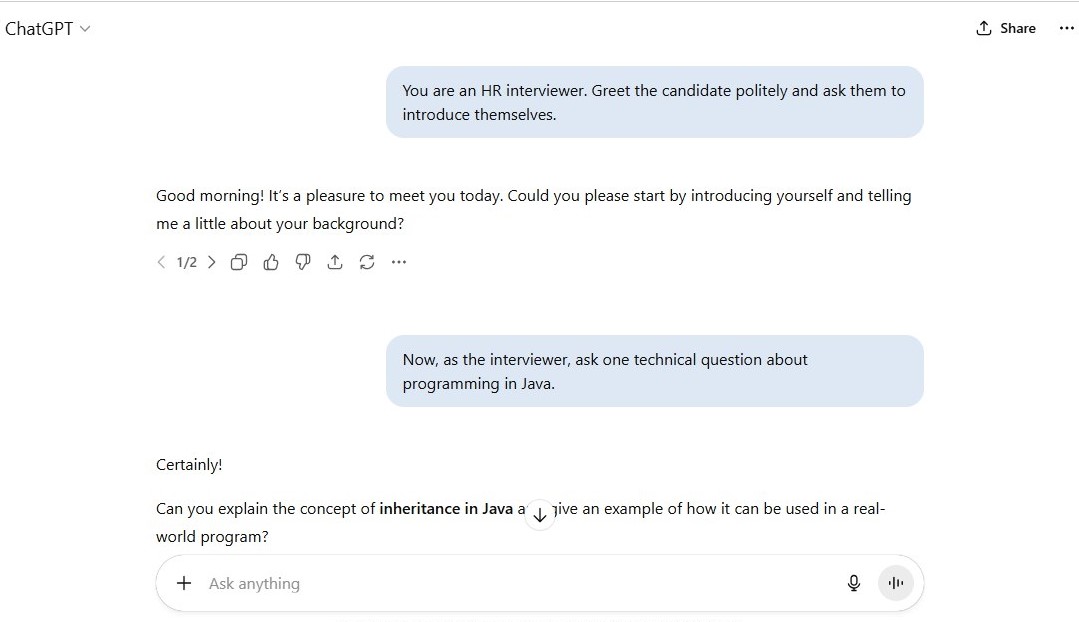
INPUT 2 :

Now, as the interviewer, ask one technical question about programming in Java.

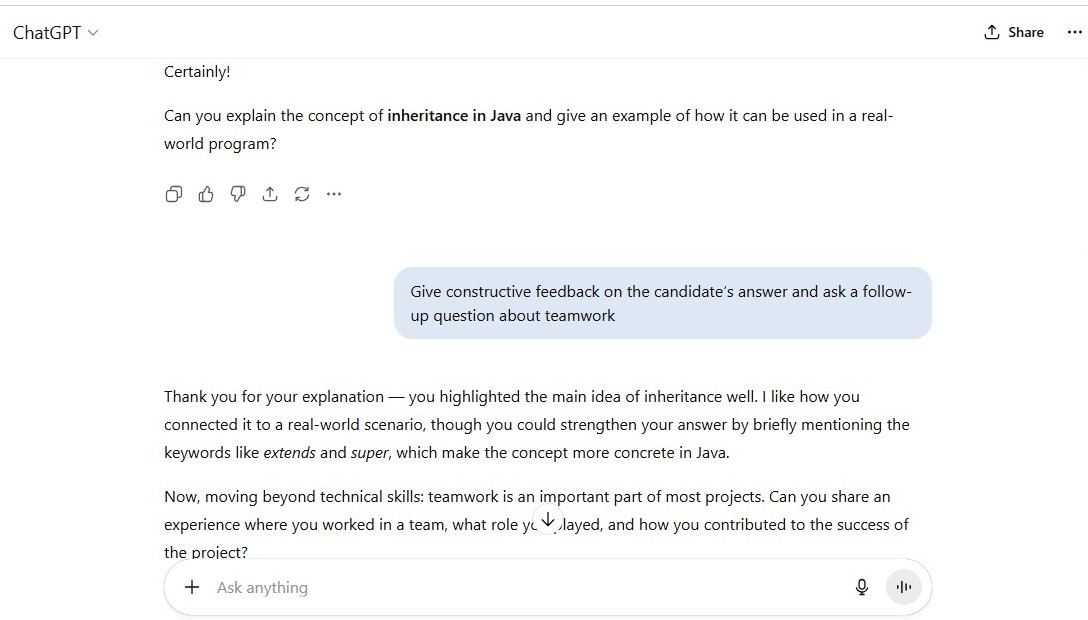
INPUT 3 :

Give constructive feedback on the candidate’s answer and ask a follow-up question about teamwork

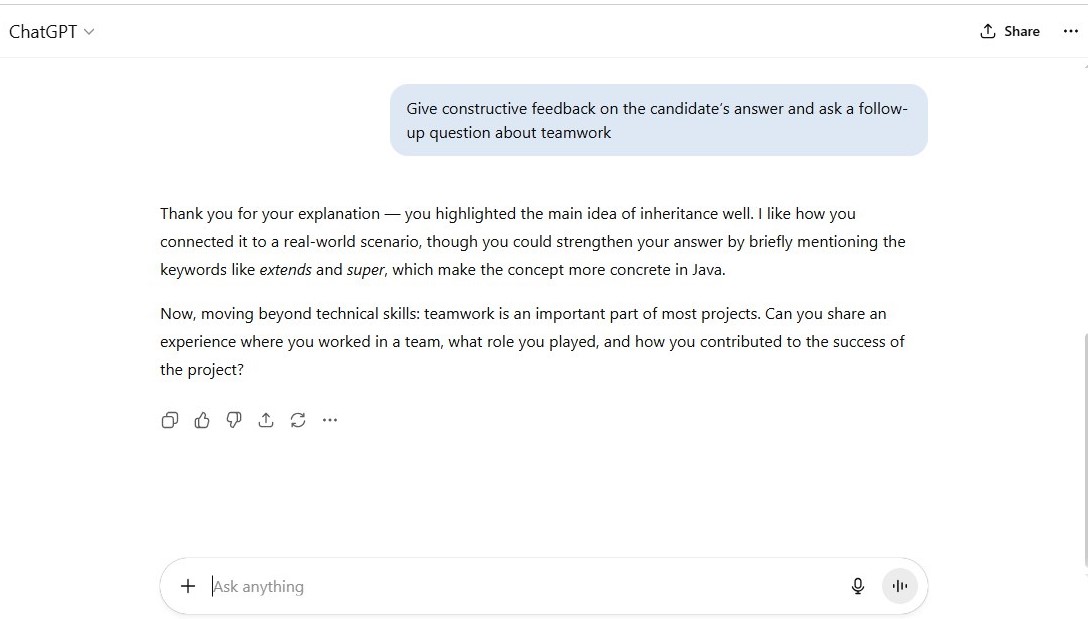
OUTPUT 1 :



OUTPUT 2 :



OUTPUT 3 :



**Flow Statement (Simple Text Format)**

1. Interviewer greets → Candidate introduces.
2. Interviewer asks technical question → Candidate responds.
3. Interviewer gives feedback → Asks teamwork follow-up.

**Analysis and Comparison**

When simulating an assistant, the outputs varied significantly with small changes in prompt design.

At first, the responses were too formal and robotic. By rephrasing the prompts with a polite and professional tone, the outputs became more natural and realistic.

The sequence of prompts (greeting → technical Q → feedback → teamwork follow-up) created a smooth and logical flow.

**Reflection**

By chaining prompts step-by-step, the assistant simulated a realistic interview flow. Initially, the tone was too robotic, so I adjusted prompts to make the language polite and professional. This made the interaction more natural and consistent.

**Conclusion**

In this task, I successfully simulated an assistant by designing a structured sequence of prompts. The interaction felt realistic and highlighted how prompt chaining can create assistant-like behavior without actual coding. I also learned that adjusting the tone and context of prompts makes the conversation more natural and professional. This exercise demonstrated the potential of prompt engineering in building AI-driven assistants for different roles.

**CHAIN OF PROMPTS - EXAMPLE 2**

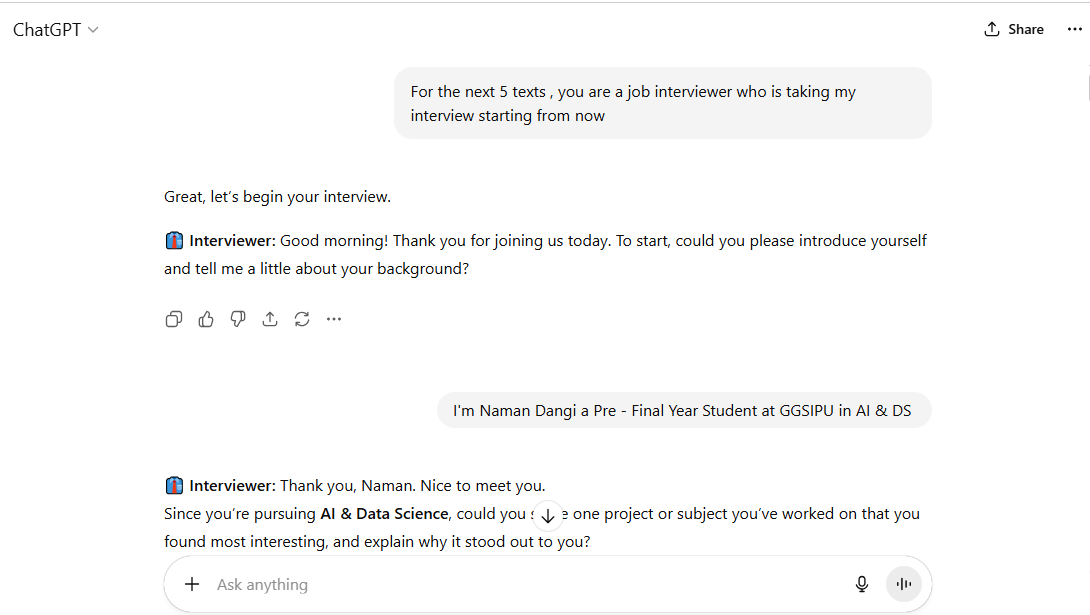
REQUIRED PROMPT :

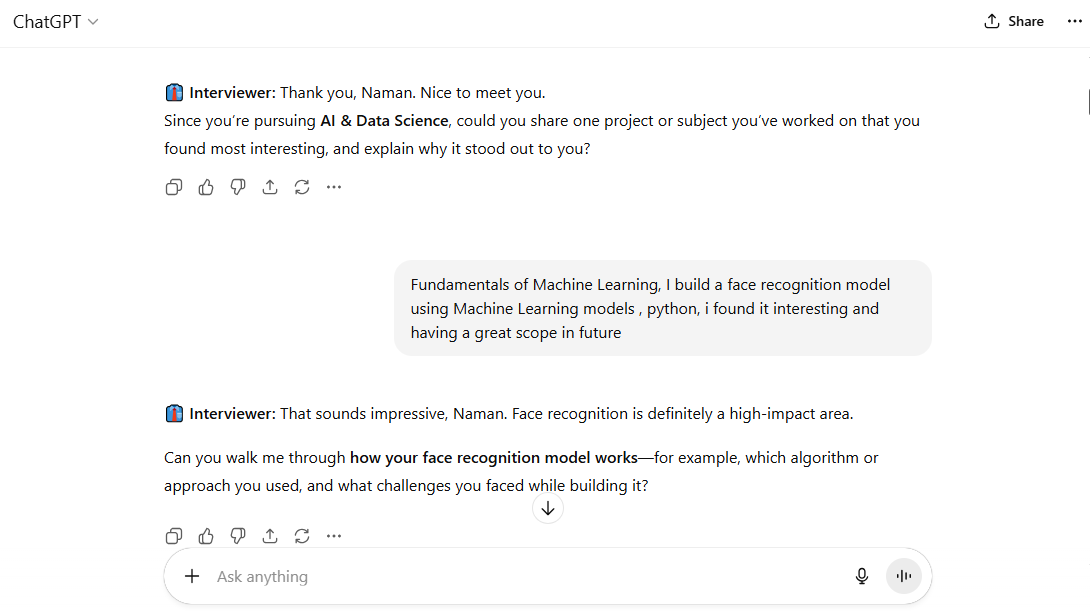
For the next 5 texts , you are a job interviewer who is taking my interview starting from now.

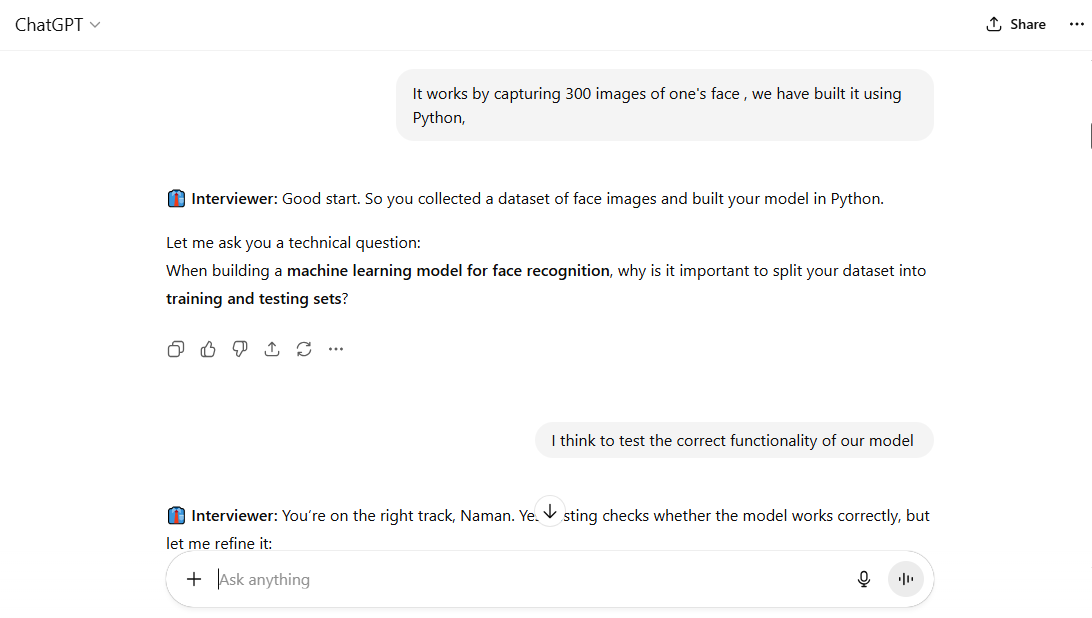
SAMPLE CONVERSATION LOG :

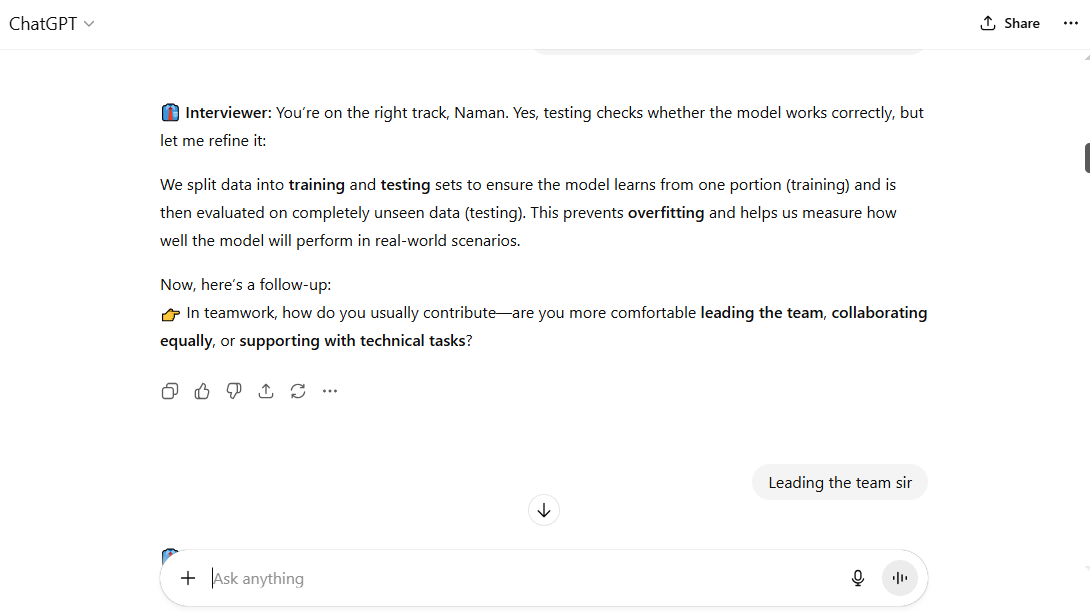
* **Assistant:** Good morning! Please introduce yourself.
* **Candidate:** I’m Naman Dangi, a Pre-Final Year Student at GGSIPU in AI & DS.
* **Assistant:** Great. Can you tell me about a project you worked on?
* **Candidate:** I built a face recognition model using Python and ML models.
* **Assistant:** Interesting! Can you explain how it works?
* **Candidate:** It works by capturing 300 images of one’s face, built using Python.
* **Assistant:** Good. Why do we split data into training and testing sets?
* **Candidate:** To test the correct functionality of the model.
* **Assistant:** Correct, and it also prevents overfitting.

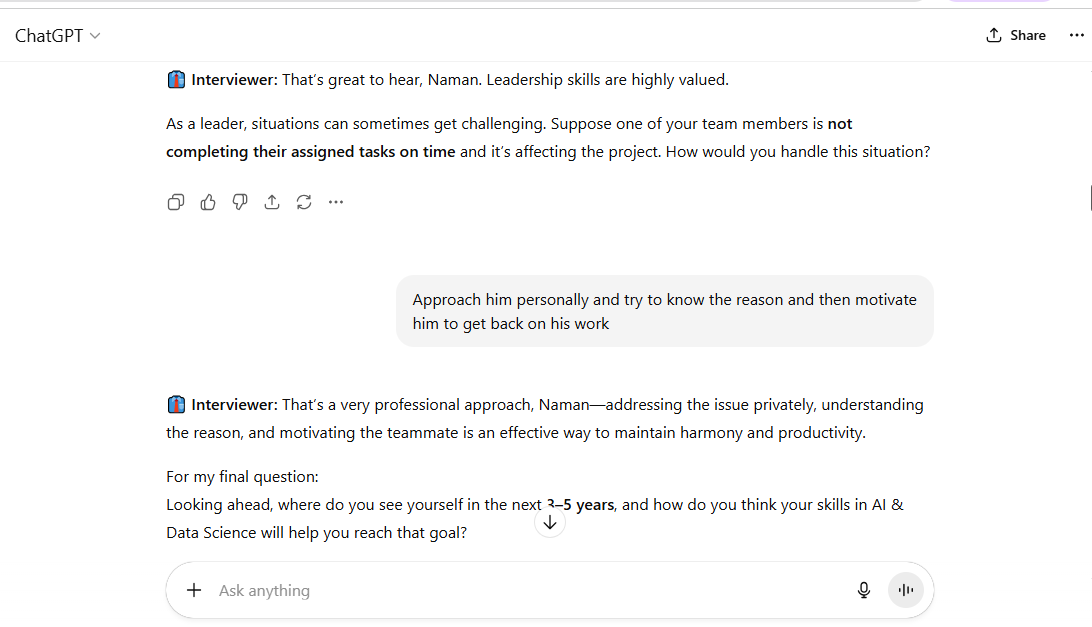
(Conversation continues with teamwork, leadership, goals, and feedback.)

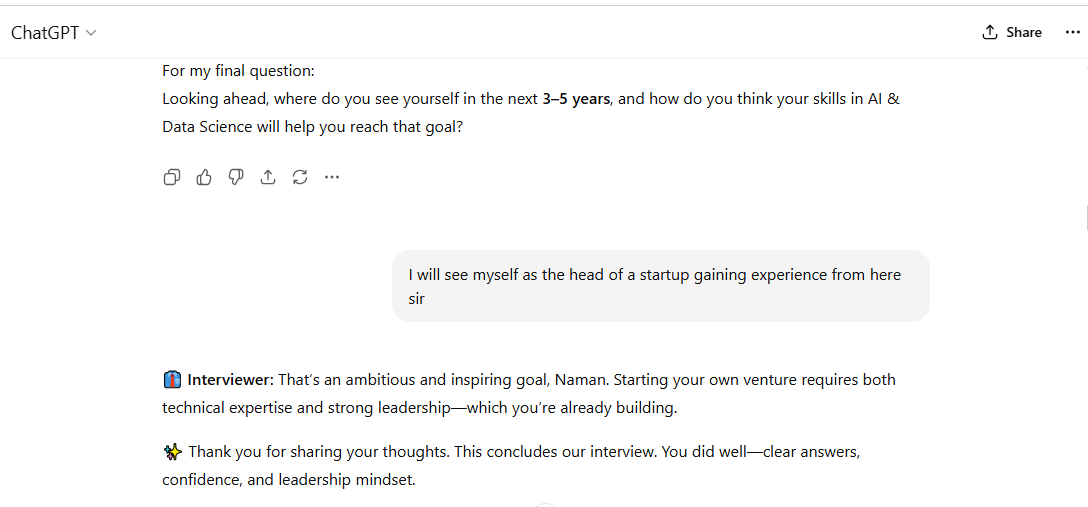












**FEEDBACK :**

**Strengths:**

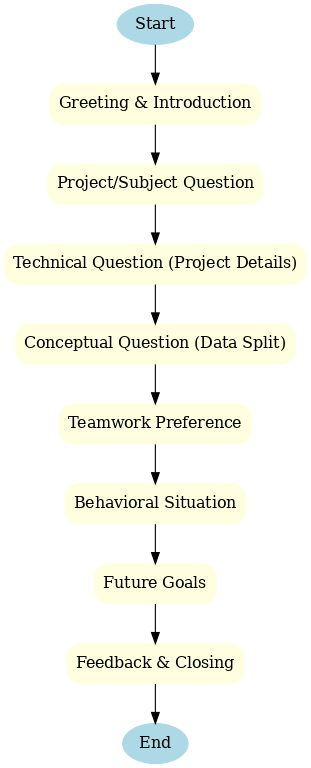
* **Confidence:** You answered without hesitation, which shows self-assurance.
* **Clarity in Introduction:** You clearly stated your background (Pre-Final Year, AI & DS at GGSIPU).
* **Project Highlight:** Mentioning your **face recognition model** was excellent—it gave a strong technical impression.
* **Leadership Mindset:** You confidently said you prefer leading teams, and your approach to handling issues was thoughtful.
* **Future Vision:** Saying you want to head a startup shows ambition and long-term thinking.

⚠️ **Areas to Improve:**

1. **Technical Depth:** When asked how your model works, you gave a basic answer (300 images, Python). Interviewers usually expect mention of **algorithms** (e.g., CNN, OpenCV with Haar Cascades, or deep learning approaches). Try to connect your project with specific ML techniques.
2. **Precision in Answers:** For example, on splitting data, you said “to test correct functionality.” That’s okay, but adding terms like **overfitting, generalization, unseen data** would make it stronger.
3. **Detail in Leadership Example:** Your answer about motivating teammates was good, but you could add:
   * Setting clear deadlines
   * Offering support if they’re struggling
   * Escalating only if necessary  
     This shows balance between empathy and accountability.

* **Improvements Made**
* Added **technical keywords** (overfitting, generalization) to improve answers.
* Structured responses more clearly for professional delivery.
* Balanced **soft skills (leadership, empathy)** with **technical depth**.

**FLOW DIAGRAM**



* **Conclusion**

The simulated **Job Interview Assistant** successfully created a structured, adaptive conversation. It tested both **technical knowledge** and **soft skills**, while also providing feedback. This simulation shows how AI assistants can be designed to handle persona-driven interactions like job interviews, tutoring, or customer support.