INSTALLATION & OPERATION GUIDE

Artificial Intelligence

AI Chatbot

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1   Installation

1. Download and install **Python** (Version 3.9 or above) from the website provided below.

   ```
   https://www.python.org/downloads/
   ```

2. Download and install **Git** from the website provided below.

   ```
   https://git-scm.com/downloads
   ```

3. Clone the GitHub Repository by typing the below command in the terminal.

   ```
   git clone https://github.com/SnehilSharma31/Speech-and-Text-Driven-Generative-AI-Chatbot.git
   ```

4. Change the directory where the project is being cloned by typing the below command in the terminal.

   ```
   cd Speech-and-Text-Driven-Generative-AI-Chatbot/
   ```

5. Install the required packages by typing the below command in the terminal.

   ```
   pip install -r requirements.txt
   ```

6. First run the **chat.py** file by typing the below command in the terminal.

   ```
   python chat.py
   ```

7. Then run the **app.py** file by typing the below command in the terminal.

   ```
   python app.py
   ```

8. Go to a browser and type the following local IP address (with port number).

   ```
   http://127.0.0.1:5000
   ```
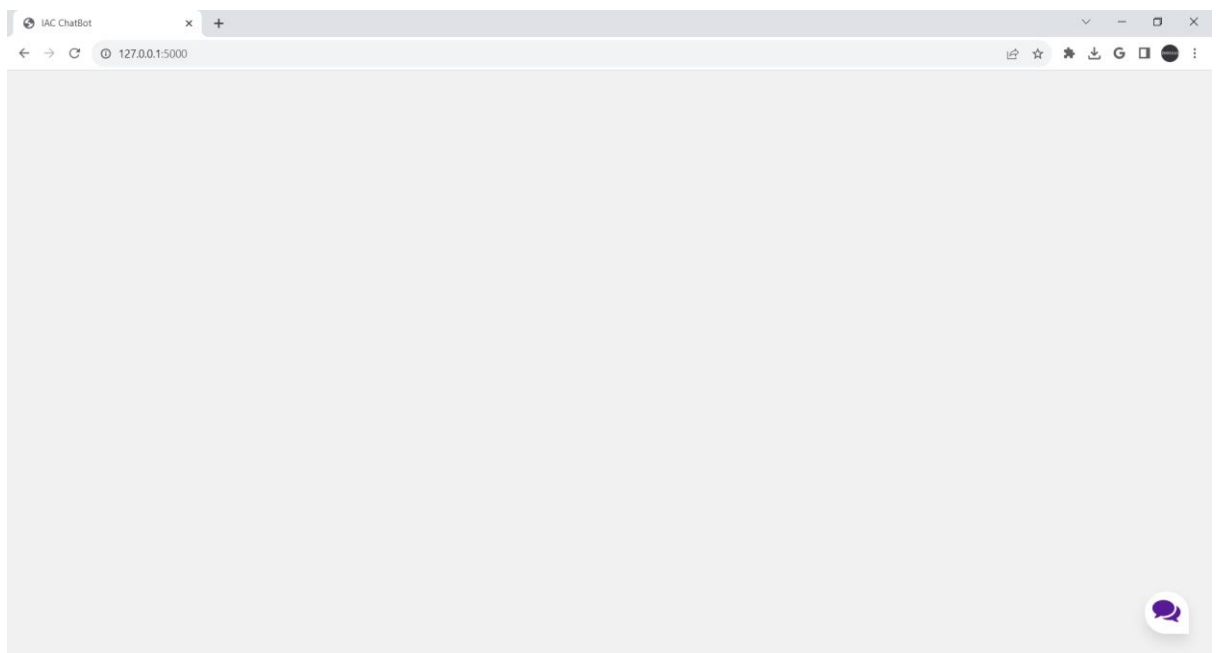
9. Enjoy chatting with the AI Chatbot.

Note: 1. You can also directly access the AI Chatbot without installing it by clicking the below link.

   ```
   https://speech-driven-generative-ai-chatbot-5ltx-main-kvu5gnz7cq-wm.a.run.app/
   ```
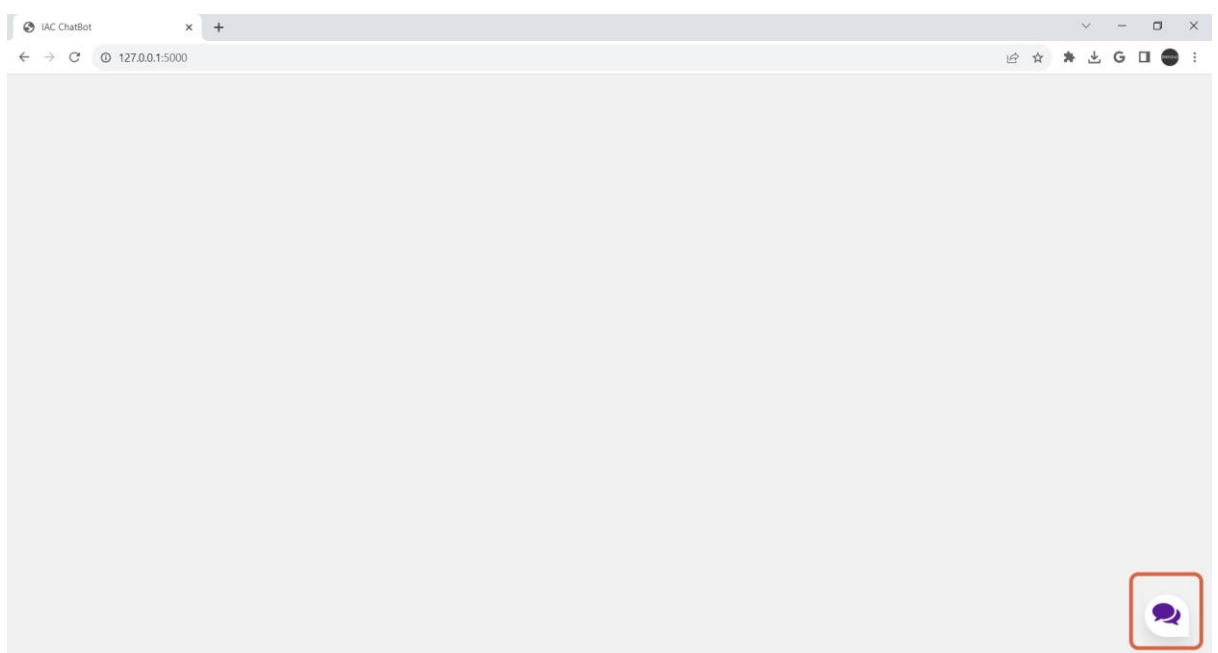
   2. You **don't** need an OpenAI account or payment for the API to use the AI chatbot, as ChimeraGPT takes care of this.
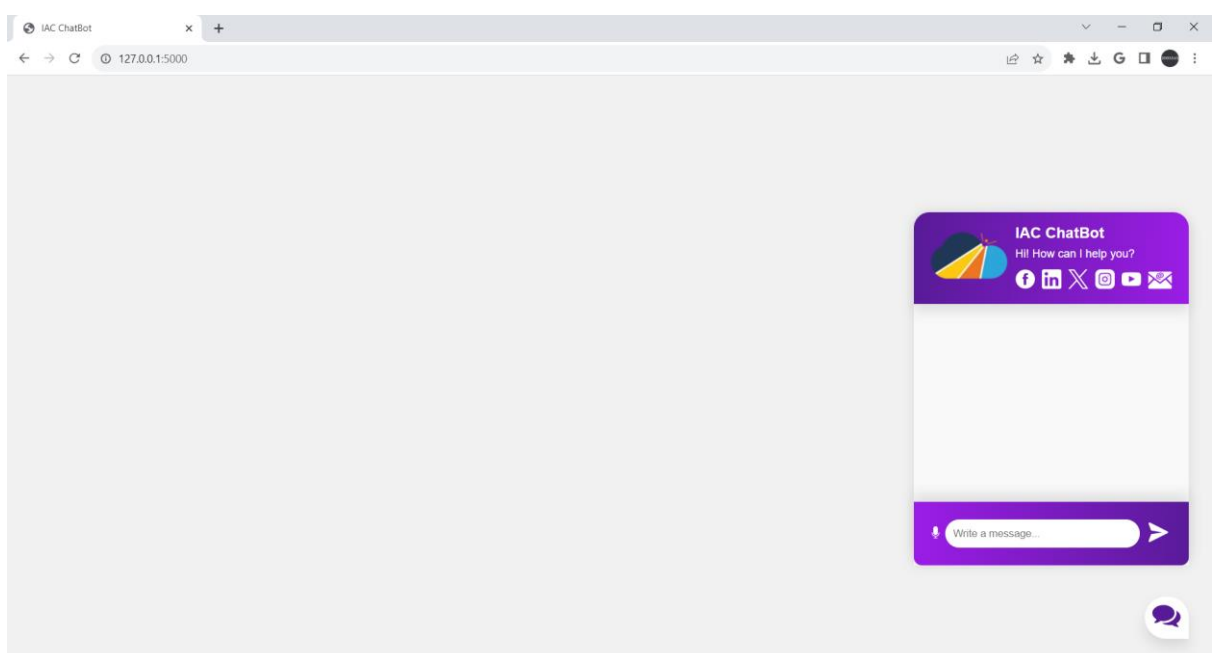
2 Operations

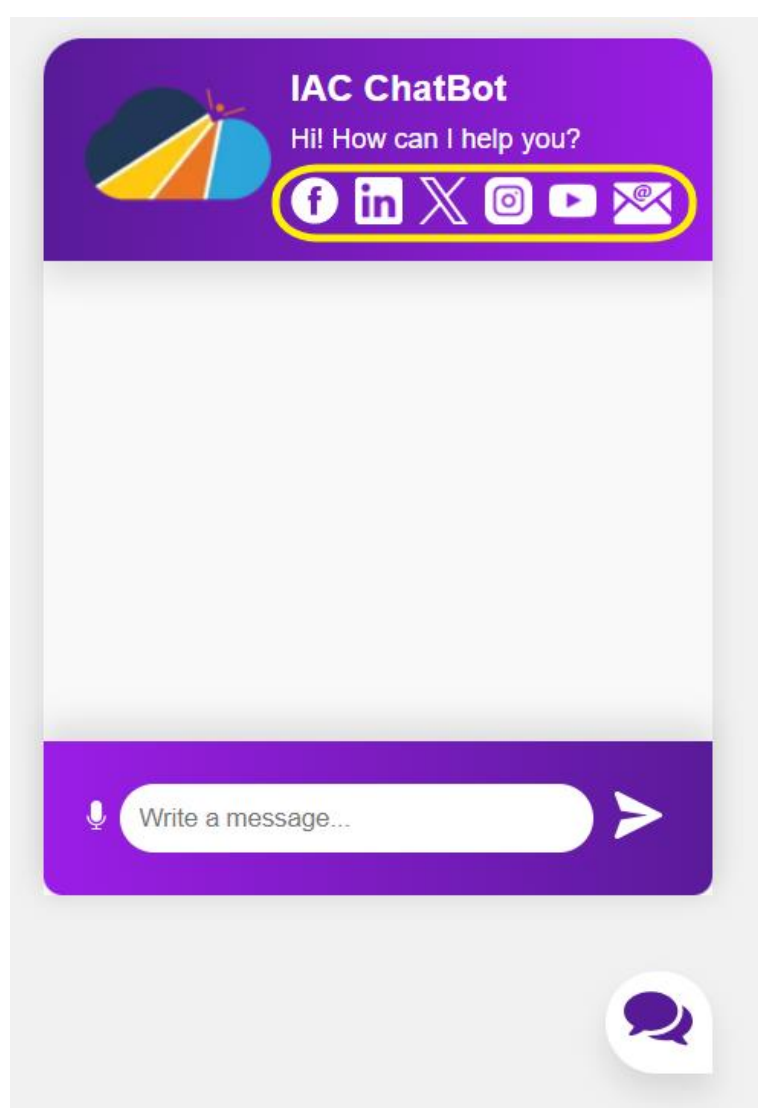1. After opening the link, the following interface will open.

2. Click the **Chat icon** in the lower right corner.
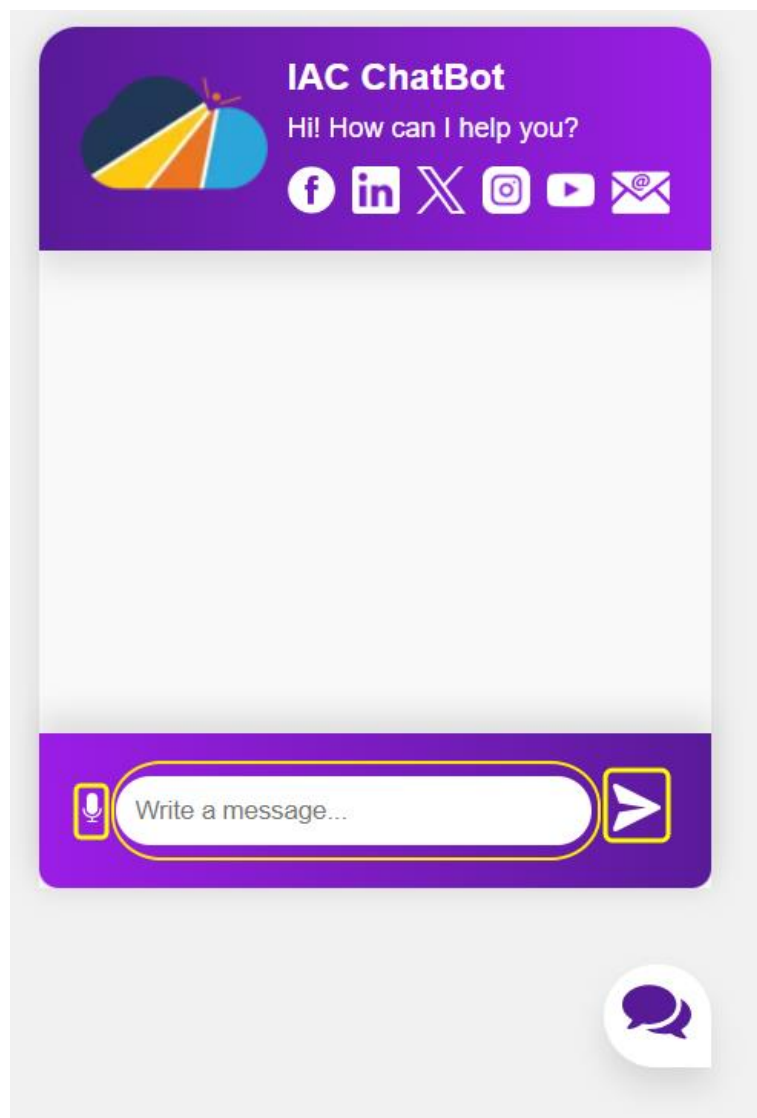

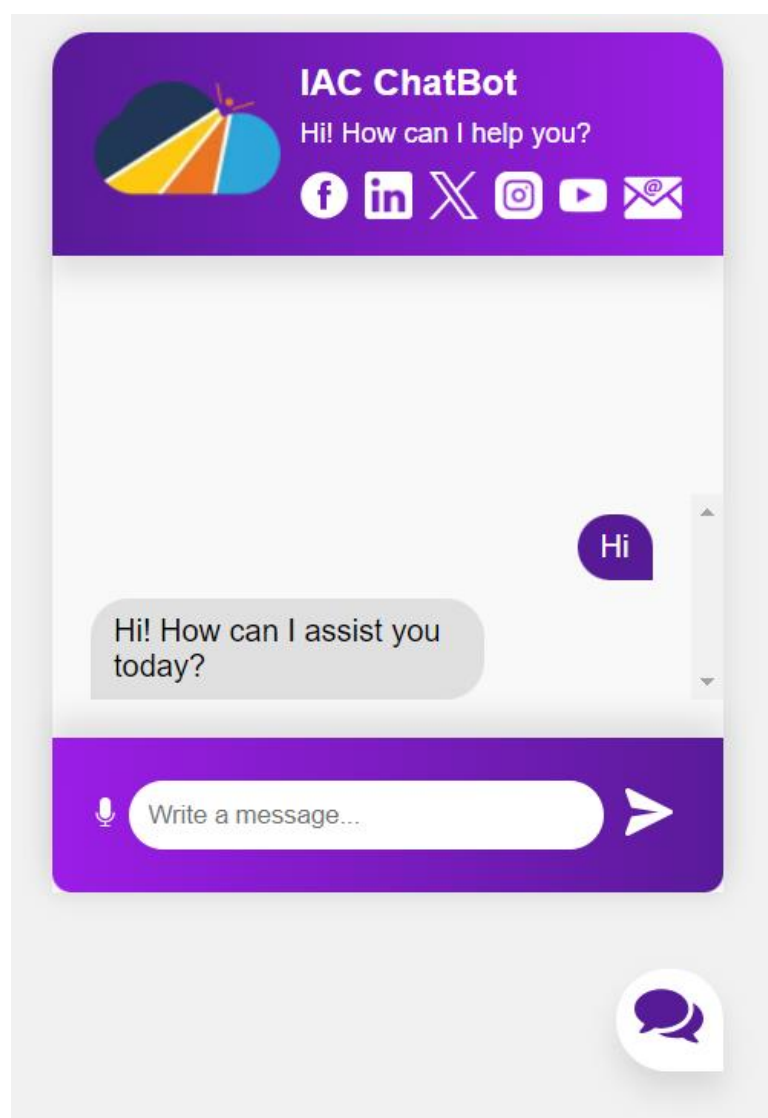3. After clicking the chat icon, the following interface will open.

4. The icons in the yellow-coloured box are the Social media handles and email of Cloud Counselage Pvt. Ltd. (Industry Academia Program and Gift a career Foundation).
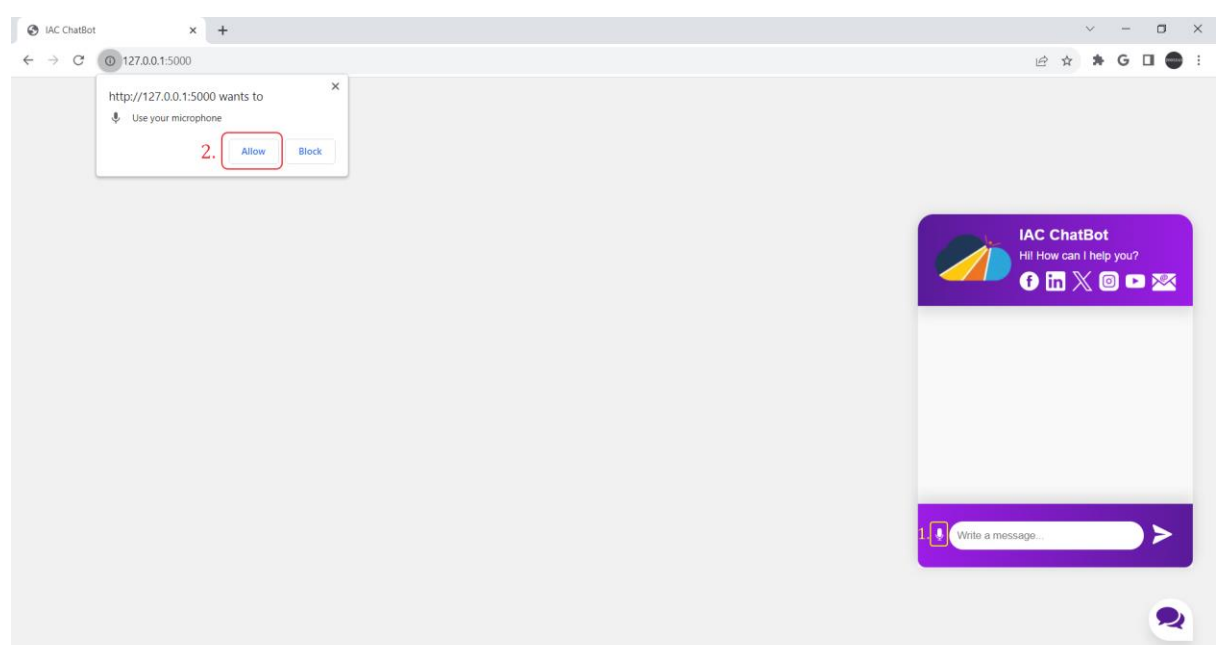
5. The items in the yellow-coloured box are the microphone icon, textbox (to write a message/query) and send button respectively.
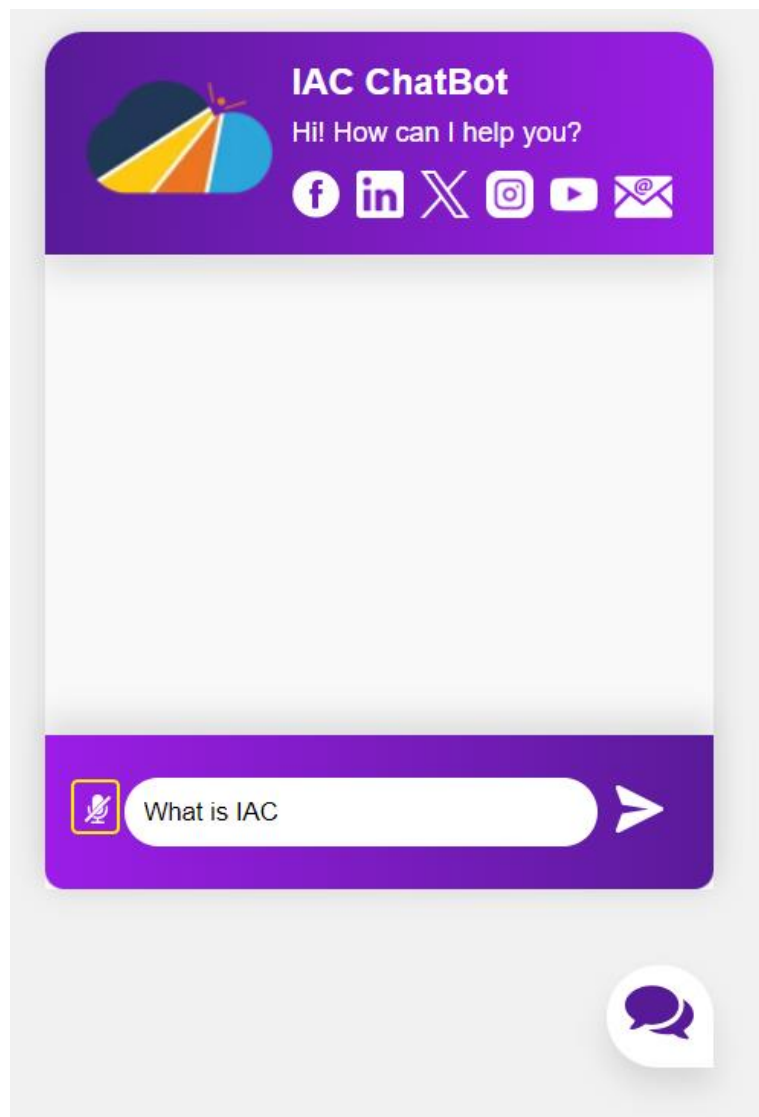

6. Write a message/query and either click **Enter button** or click the **Send icon** to start chatting with the AI Chatbot.
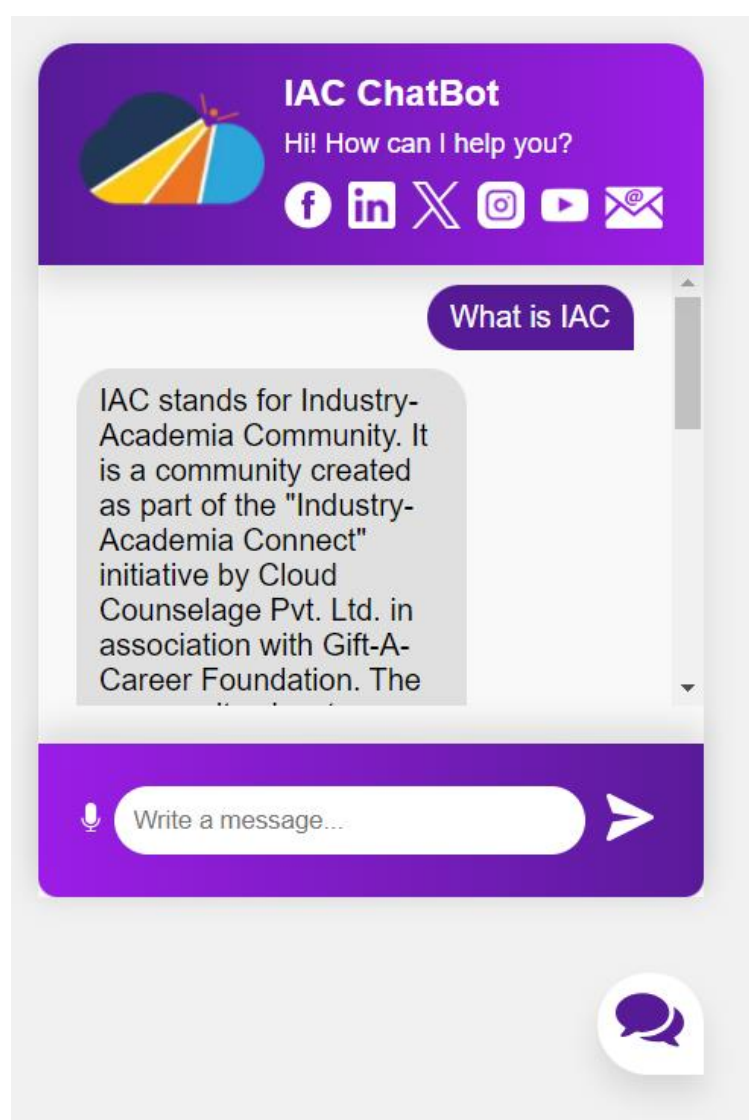

7. To enable speech recognition, **first** click on the **mic icon** and then click **Allow** button to use the microphone for chatting with the AI Chatbot.

8. Ask the queries through the microphone. The queries will be displayed in the textbox. When you're finished, click the **mic off icon** to stop the microphone.

IAC ChatBot
Hi! How can I help you?

What is IAC

9. Press either **Enter** button or **Send icon** to start chatting with the AI Chatbot.

IAC ChatBot
Hi! How can I help you?

What is IAC

IAC stands for Industry-Academia Community. It is a community created as part of the "Industry-Academia Connect" initiative by Cloud Counselage Pvt. Ltd. in association with Gift-A-Career Foundation. The

Write a message...

10. To stop the AI Chatbot, close the browser and either type in the **terminal**, `exit()` or `quit()` or `Ctrl + C` command in Windows, `Ctrl + D` command in Linux and ⌘ + D command in Mac OS.