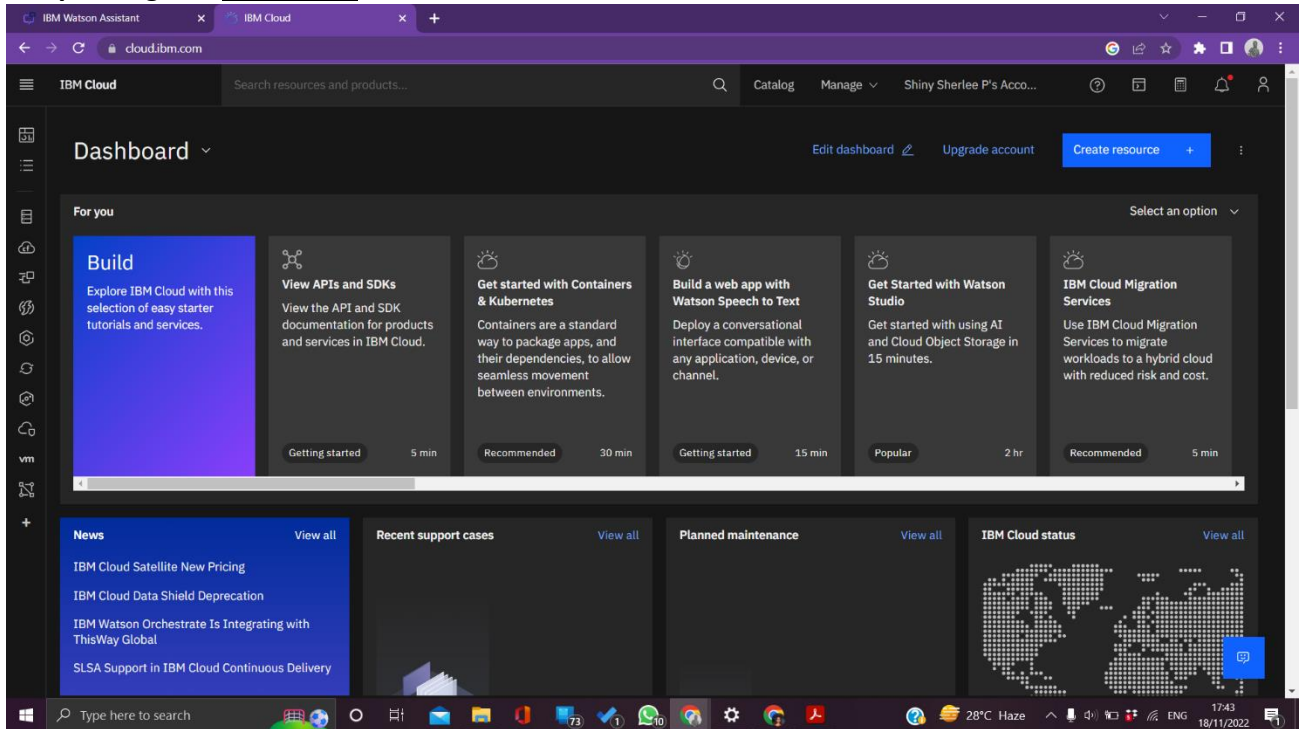


DEVELOPING A CHATBOT

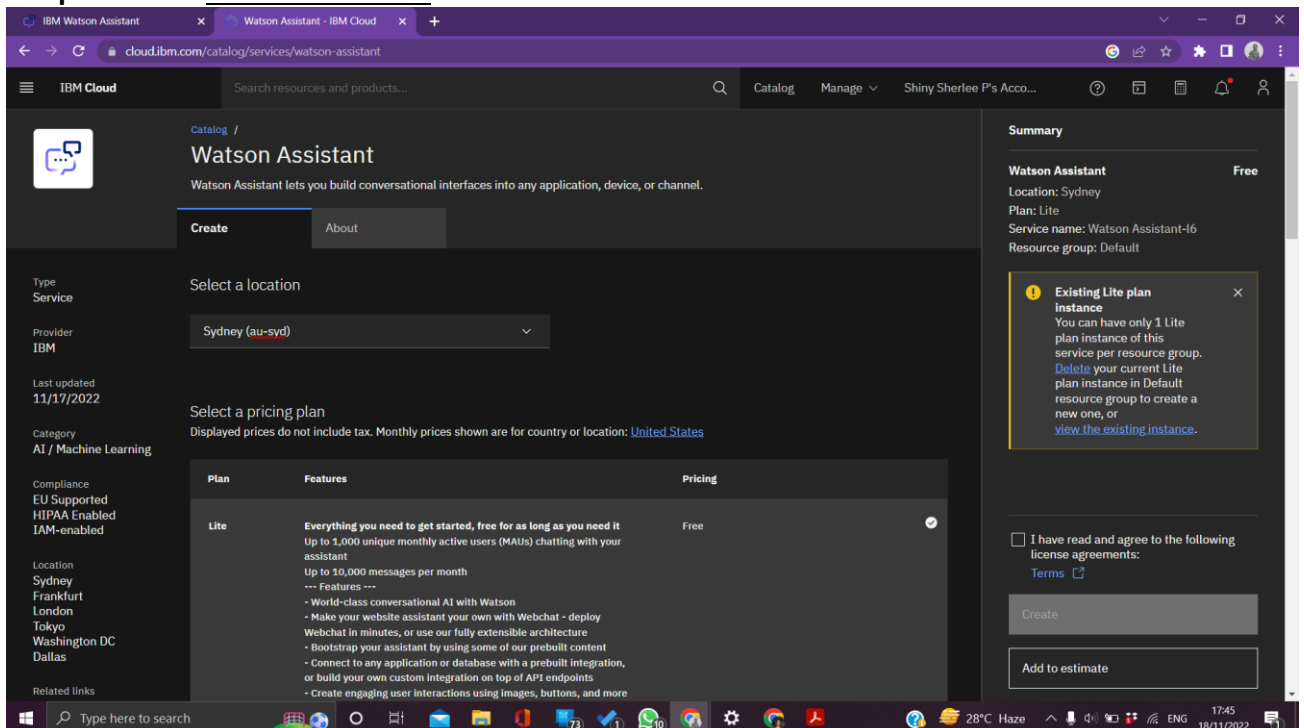
Date	9 November 2022
Team ID	PNT2022MID01390
Project Name	Skills/ Job Recommender Application

Build the Chatbot

Step 1: Login to IBM Cloud

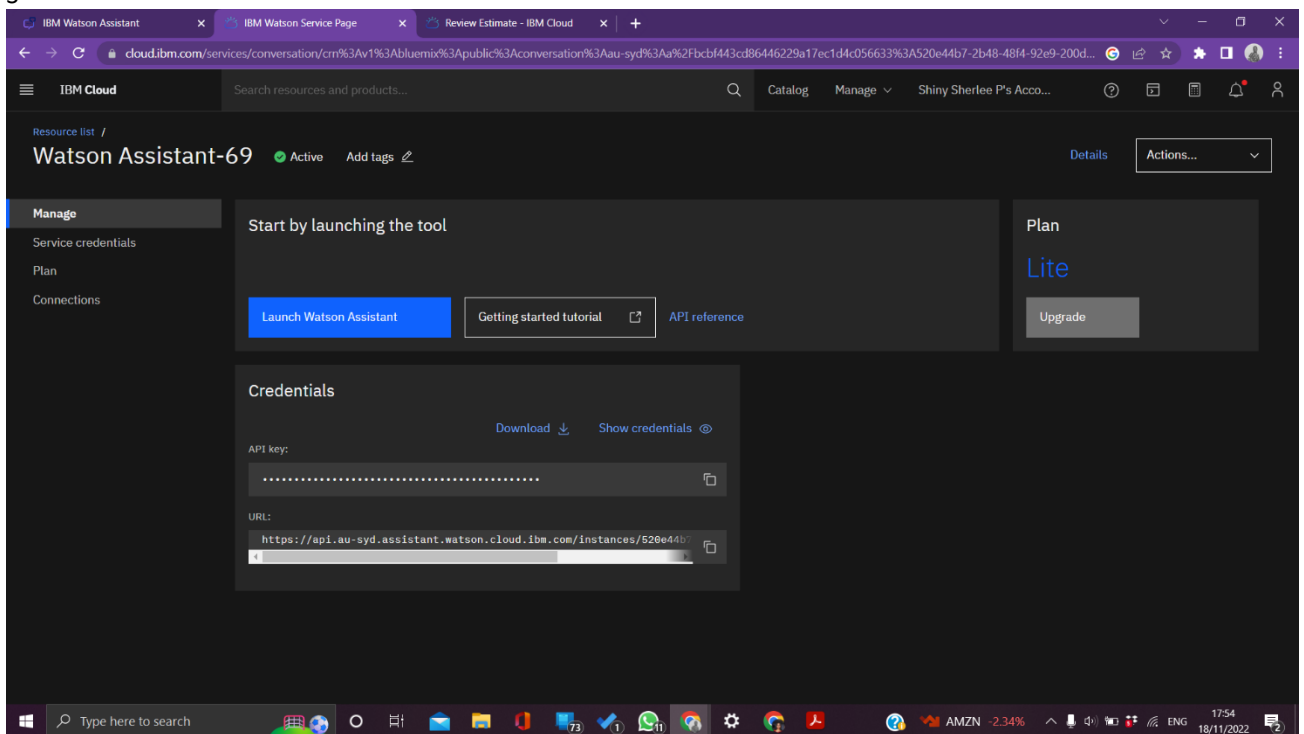


Step 2: Search Watson Assistant

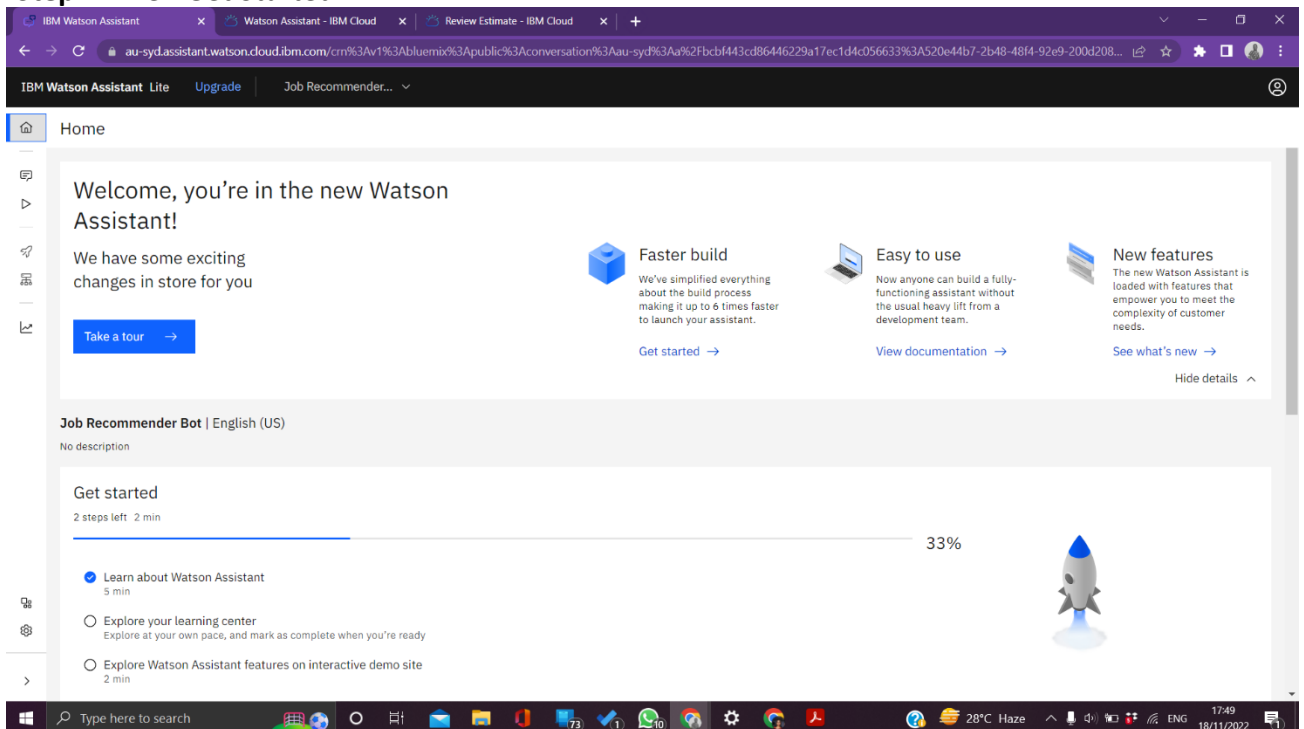


Step 3: Then Select the Launch Watson Assistant

S



Step 4: Then Get Started



Step 5: Then create an action and then make some sample conversation.

The screenshot shows the IBM Watson Assistant interface. The top navigation bar includes 'IBM Watson Assistant Lite', 'Upgrade', and 'Job Recommender...'. The left sidebar contains a menu with 'Actions' selected, and sub-items: 'Created by you', 'Set by assistant', 'Variables', 'Created by you', 'Set by assistant', 'Set by integration', and 'Saved responses'. The main content area displays a table of actions.

Name	Last edited	Examples Count	Status
I want to apply for a job	3 days ago	5	✓

At the bottom of the table, there is a pagination bar showing 'Items per page: 50', 'Showing 1-1 of 1 actions', and '1 of 1 pages'. A 'Preview' button is located at the bottom right of the table.

Step 6: Then End the Action.

The screenshot shows the IBM Watson Assistant interface. The top navigation bar includes 'IBM Watson Assistant', 'Upgrade', and 'Job Recommender...'. The main content area is titled 'I want to apply for a job'. On the left, a 'Conversation steps' panel shows three steps: 1. 'available domains' (Manager roles, Sales and Ma...), 2. 'Job vacancies' (Software Eng..., Manager roles), and 3. 'Search companies' (AVASOFT, IBM). Each step is marked as 'Defined'. On the right, a 'Customer starts with:' section provides instructions on how to start a conversation and lists five phrases: 'search domain', 'job vacancies', 'Want job recommendations based on my profile', 'I want to apply for an internship', and 'I want to apply for a job'. A 'Preview' button is located at the bottom right of the interface.

Step 7: Embed the code.

The screenshot shows the IBM Watson Assistant interface with the 'Embed' tab selected. The top navigation bar includes 'IBM Watson Assistant', 'IBM Watson Service Page', 'Review Estimate - IBM Cloud', 'Home - Canva', and 'she - Logo'. The main content area is titled 'Web chat' and shows a 'Draft' status. Below the title, there are tabs for 'Style', 'Launcher', 'Home screen', 'Live agent', 'Suggestions', 'Security', 'Embed', and 'Resources'. The 'Embed' tab is active, displaying a code block for embedding the chat on a website. The code is as follows:

```
</> Embed on your website
Ready to launch? It's as easy as copy and paste. Learn more

<script>
window.watsonAssistantChatOptions = {
  integrationID: "19eae61-3b0d-40ce-9081-9907e8acf82c", // The ID of this integration.
  region: "au-syd", // The region your integration is hosted in.
  serviceInstanceID: "520e44b7-2b48-48f4-92e9-200d208425ac", // The ID of your service instance.
  onLoad: function(instance) { instance.render(); }
};
setTimeout(function(){
  const t=document.createElement('script');
  t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" + (window.watsonAssistantChatOptions ?
document.head.appendChild(t);
  });
</script>
```

A 'Show more' link is visible at the bottom of the code block. The bottom of the interface shows a Windows taskbar with various application icons and system information.

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Document</title>
</head>
<body>
<h1>Job Aspirant Chatbot</h1>
<blockquote>Click the bottom right corner to chat</blockquote>
<script>
window.watsonAssistantChatOptions = {
integrationID: "19eaed61-3b0d-40ce-9881-9987e8acf82c", // The ID of this
integration.
region: "au-syd", // The region your integration is hosted in.
serviceInstanceID: "520e44b7-2b48-48f4-92e9-200d208425ac", // The ID of your
service instance.
onLoad: function(instance) { instance.render(); }
};
setTimeout(function(){
const t=document.createElement('script');
t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" +
(window.watsonAssistantChatOptions.clientVersion || 'latest') +
"/WatsonAssistantChatEntry.js";
document.head.appendChild(t);
});
</script>
</body>
</html>
```

INTEGRATING CHATBOT TO HTML PAGE

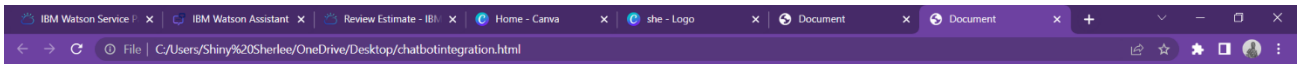
The screenshot shows the IBM Watson Assistant 'Web chat' configuration interface. The 'Embed' tab is selected, displaying a code block for embedding the chatbot on a website. The code is as follows:

```
<script>
window.watsonAssistantChatOptions = {
  integrationID: "19eae61-3b0d-40ce-9881-9987e8acf02c", // The ID of this integration.
  region: "au-syd", // The region your integration is hosted in.
  serviceInstanceID: "529e44b7-2b48-48f4-92e9-208d288425ac", // The ID of your service instance.
  onLoad: function(instance) { instance.render(); }
};
setTimeout(function(){
  const t=document.createElement('script');
  t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" + (window.watsonAssistantChatOptions ?
    document.head.appendChild(t);
  });
</script>
```

Below the code block, there is a 'Show more' link. The interface also includes a 'Draft' status, 'Close' and 'Save and exit' buttons, and a navigation bar with tabs for Style, Launcher, Home screen, Live agent, Suggestions, Security, Embed, and Resources.

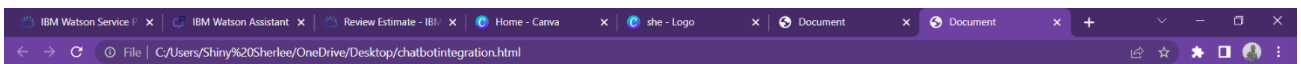
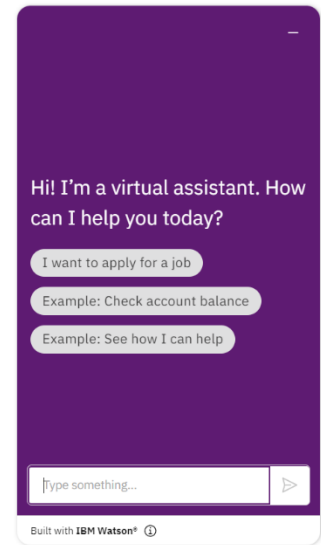
PREVIEW OF CHATBOT

The screenshot shows a web browser displaying the 'Job Aspirant Chatbot' preview. The browser's address bar shows the file path: `C:/Users/Shiny%20Sherlee/OneDrive/Desktop/chatbotintegration.html`. The page content includes the title 'Job Aspirant Chatbot' and a message: 'Click the bottom right corner to chat'. A chatbot icon is visible in the bottom right corner of the browser window. The Windows taskbar at the bottom shows the time as 18:32 on 18/11/2022.



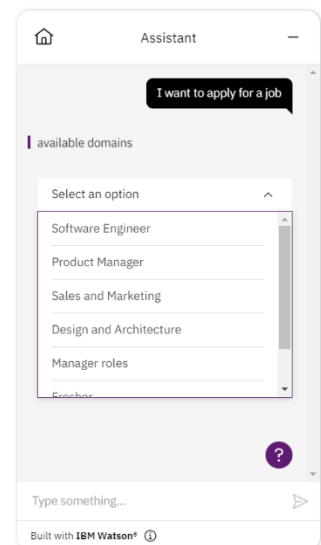
Job Aspirant Chatbot

Click the bottom right corner to chat



Job Aspirant Chatbot

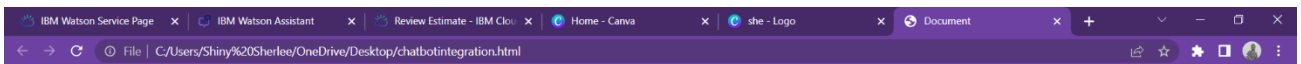
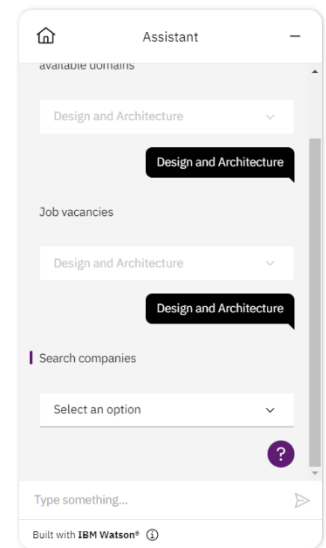
Click the bottom right corner to chat





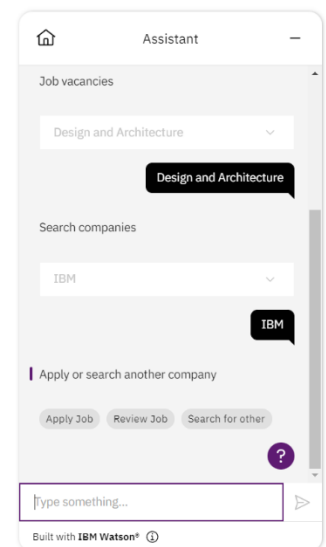
Job Aspirant Chatbot

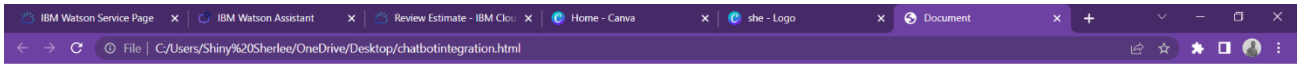
Click the bottom right corner to chat



Job Aspirant Chatbot

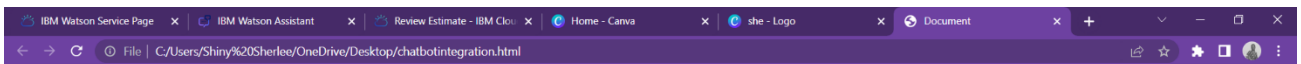
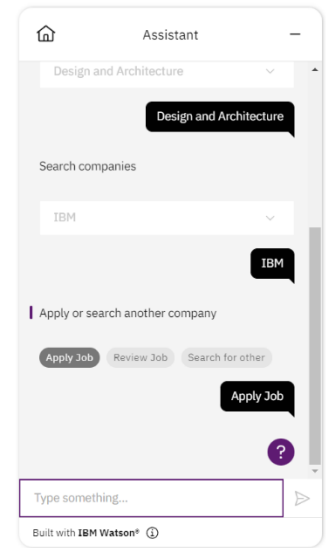
Click the bottom right corner to chat





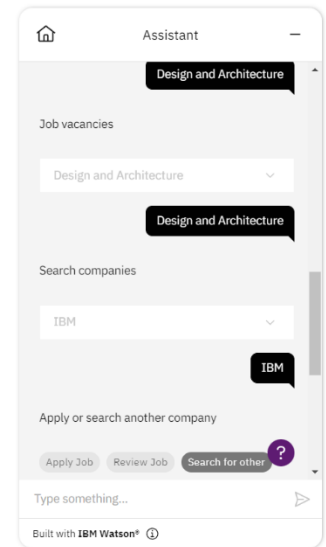
Job Aspirant Chatbot

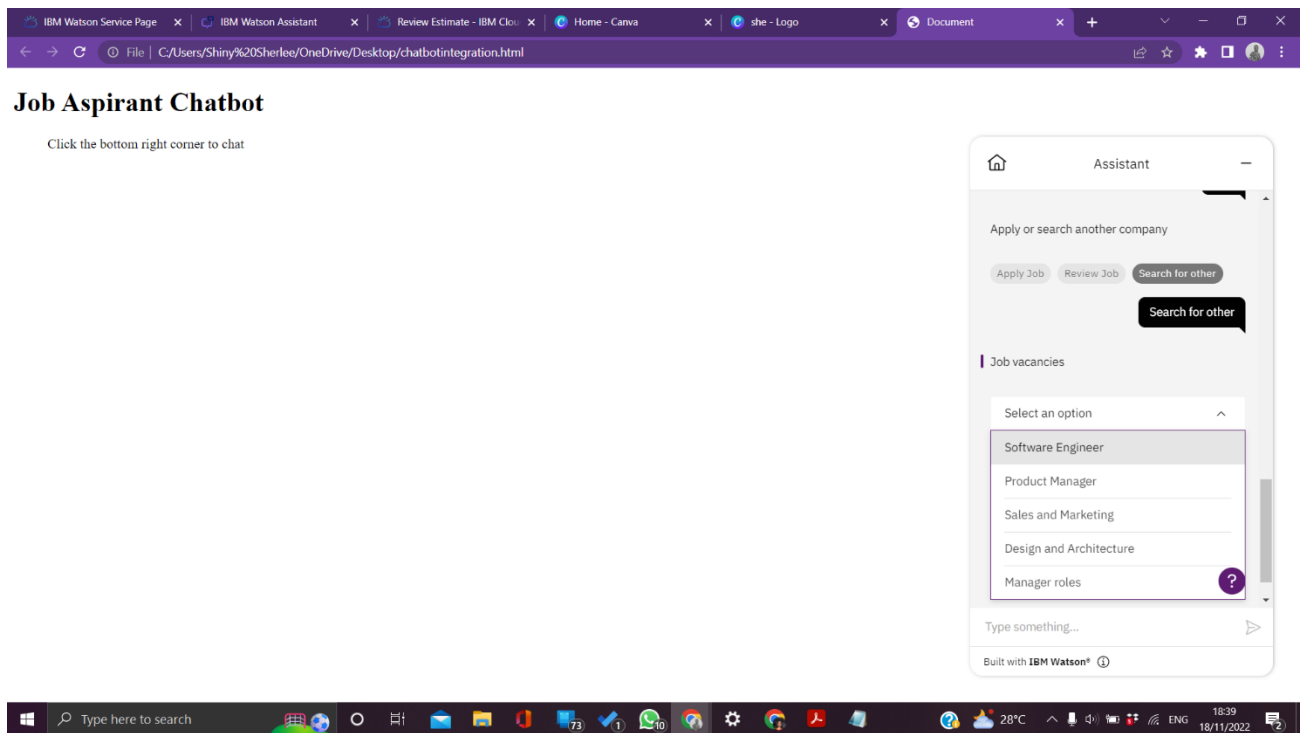
Click the bottom right corner to chat



Job Aspirant Chatbot

Click the bottom right corner to chat





The Chatbot is created and integrated successfully.

The Chatbot is created and integrated successfully.