

# SKILLS AND JOB RECOMMENDER

## DEVELOPING A CHATBOT

Date	9 November 2022
Team ID	PNT2022TMID53102
Project Name	Skills/ Job Recommender Application

## Build the Chatbot

### Step 1: Login to IBM Cloud

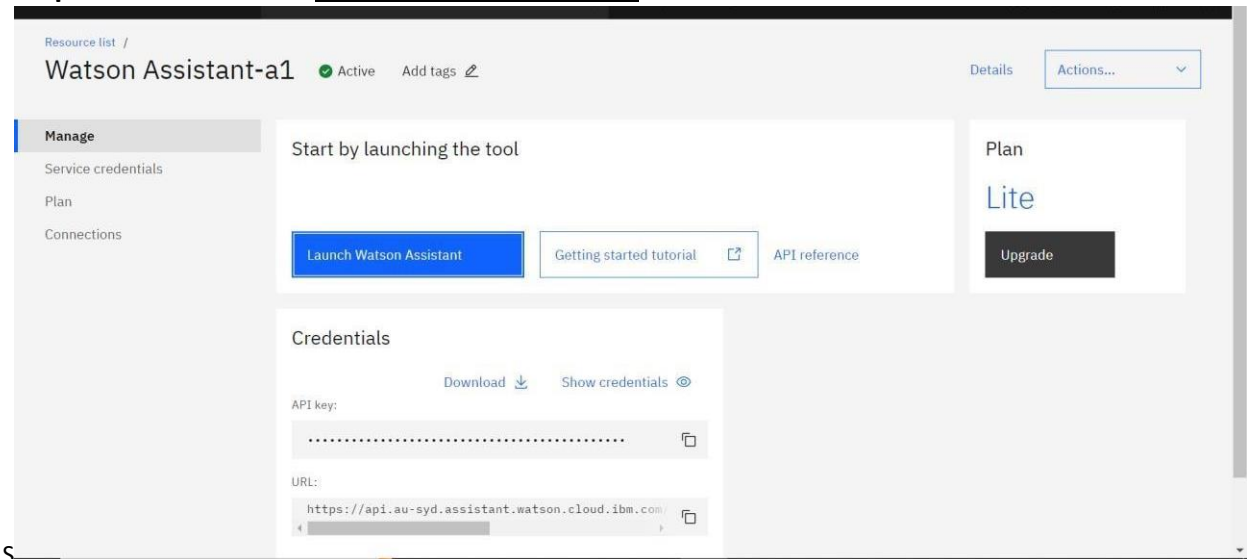
The screenshot shows the IBM Cloud Watson Assistant console. The 'Create' tab is active, and the 'Lite' plan is selected. The location is set to Sydney (au-syd). A warning message states: 'Existing Lite plan instance. You can have only 1 Lite plan instance of this service per resource group. Delete your current Lite plan instance in Default resource group to create a new one, or view the existing instance.' The console also shows a summary of the selected plan and a 'Create' button.

### Step 2: Search Watson Assistant

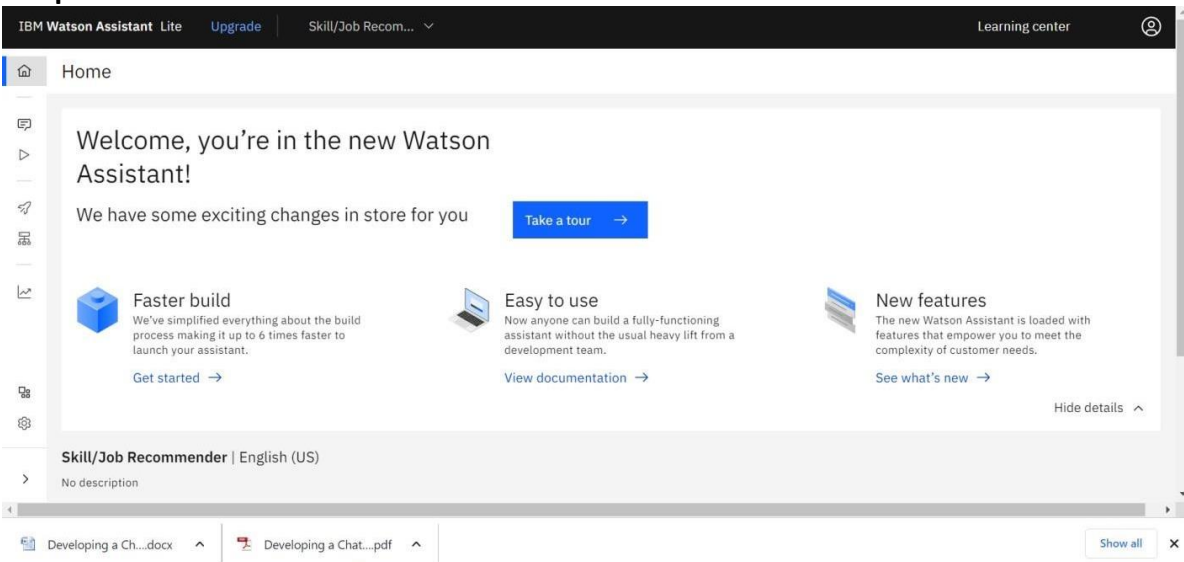
The screenshot shows the IBM Cloud Watson Assistant console. The 'Enterprise' plan is selected, and the 'Enterprise with data isolation' plan is also visible. The location is set to Sydney. The console shows a summary of the selected plan and a 'Create' button.

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### Step 3: Then Select the Launch Watson Assistant



### Step 4: Then Get Started



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

IBM Watson Assistant LiteUpgradeSkill/Job Recom...Learning center

Actions

Actions

Created by you

Set by assistant

Variables

Created by you

Set by assistant

Set by integration

Saved responses

Actions sit at the core of the new Watson Assistant build process. Think of them as problems or tasks that your customers want your assistant to resolve for them. They include the complete interaction between a customer and your assistant for a specific question or request.

[Find out more](#)[Take a tour](#)[Build with our guide](#)

Search

Sort

New action +

Name	Last edited	Examples Count	Status
Hi	25 minutes ago	1	<span>✓</span>

Items per page: 50

Showing 1–1 of 1 actions

11 of 1 pages

Developing a Ch...docxDeveloping a Chat...pdfShow all

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## Step 6: Then End the Action.

The screenshot shows the IBM Watson Assistant interface for configuring a skill. The top navigation bar includes 'IBM Watson Assistant Lite', 'Upgrade', 'Skill/Job Recom...', and 'Learning center'. The main area is divided into two panels. The left panel, titled 'Conversation steps', shows a list of steps. Step 1 is highlighted and contains the text 'Hi! How can I help you in finding you a job?'. Below this, Step 2 is shown with the text 'Are you a Fresher or Experienced in this Sector?' and two buttons: 'Fresher' and 'Experienced'. The right panel, titled 'Assistant says', shows the response for Step 1. It includes a text input field with the text 'Hi! How can I help you in finding you a job?'. Below this, there is a 'User enters free text' placeholder. The 'And then' section at the bottom shows a dropdown menu with 'Continue to next step' selected. A 'Preview' button is located at the bottom right.

## Step 7: Embed the code.

The screenshot shows the IBM Watson Assistant interface for embedding a web chat. The top navigation bar includes 'IBM Watson Assistant Lite', 'Upgrade', 'Skill/Job Recom...', and 'Learning center'. The main area is titled 'Web chat' and has a 'Draft' status. Below this, there is a 'Close' button and a 'Save and exit' button. The interface is divided into several tabs: 'Launcher', 'Home screen', 'Live agent', 'Suggestions', 'Security', and 'Embed'. The 'Embed' tab is selected. The content area shows the text '</> Embed on your website' and 'Ready to launch? It's as easy as copy and paste. [Learn more](#)'. Below this, there is a code block containing the following JavaScript code:

```
<script>
window.watsonAssistantChatOptions = {
  integrationID: "01ca5fe5-3f42-4a97-8965-332afedd97be", // The ID of this integration.
  region: "au-syd", // The region your integration is hosted in.
  serviceInstanceID: "5683f375-e95c-4fa1-8471-5b76177675c2", // 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' button is located at the bottom right of the code block.

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### INTEGRATING CHATBOT TO HTML PAGE

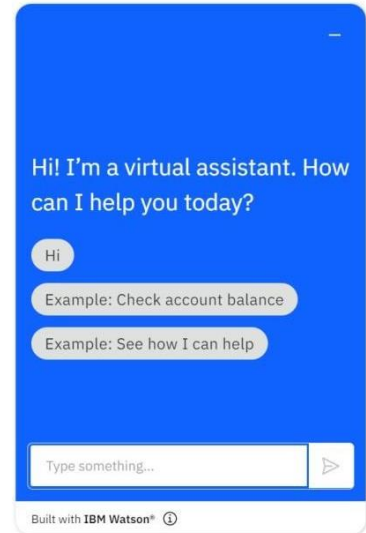
```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <h1>My Chatbot</h1>
  <blockquote>Click the bottom right corner to chat</blockquote>
<script>
  window.watsonAssistantChatOptions = {
    integrationID: "01ca5fe5-3f42-4a97-8965-332afedd97be", // The ID of this integration.
    region: "au-syd", // The region your integration is hosted in.
    serviceInstanceID: "5683f375-e95c-4fa1-8471-5b76177675c2", // 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>
```

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## PREVIEW OF CHATBOT

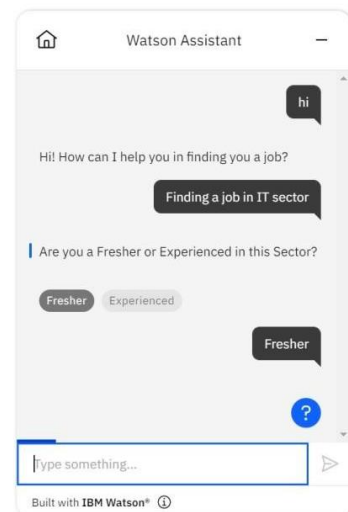
### My Chatbot

Click the bottom right corner to chat



### My Chatbot

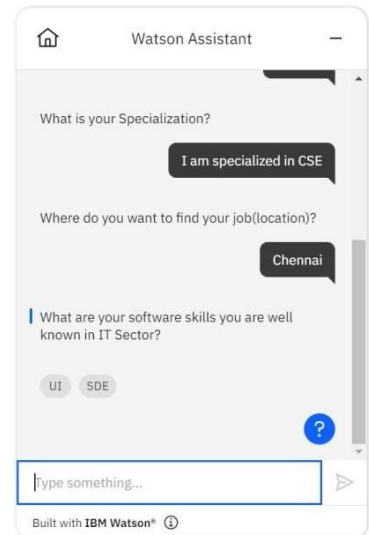
Click the bottom right corner to chat



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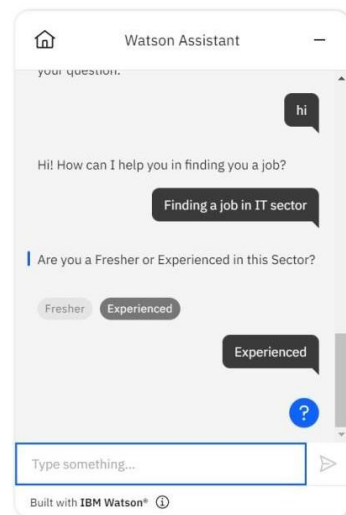
## My Chatbot

Click the bottom right corner to chat

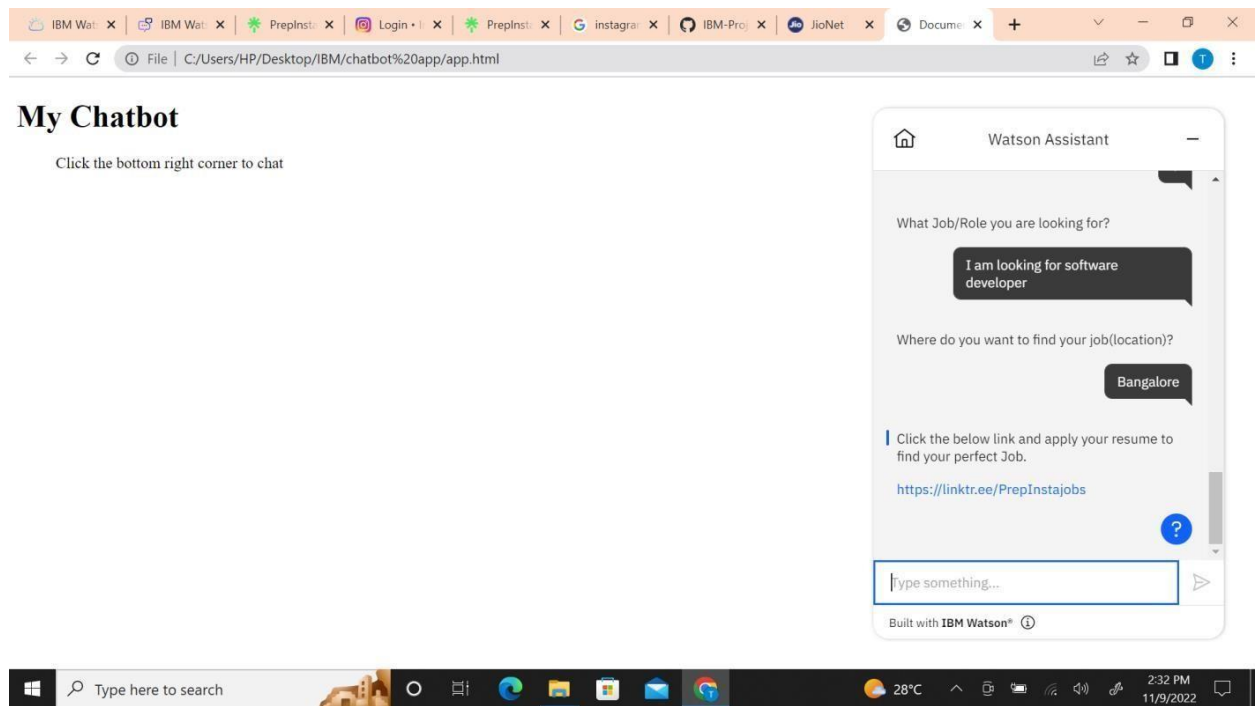


## My Chatbot

Click the bottom right corner to chat



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The Chatbot is created and integrated successfully.