

SKILLS AND JOB RECOMMENDER

DEVELOPING A CHATBOT

Date	9 November 2022
Team ID	PNT2022TMID44197
Project Name	Skills/ Job Recommender Application

Build the Chatbot

IBM Watson Assistant Lite Upgrade support

Create a support ticket

Customer starts with: Create a support ticket

Conversation steps

1. Sorry to hear that. Let's get a support ticket created. How can we best contact you?
by email by phone
Continue to next step
2. Great. What's your email address?
Regex
Continue to next step
3. Great. What's your phone number?
Regex
Continue to next step
4. And finally, can you describe your problem in more detail? I'll use this information to submit a ticket to o...
Free text

Step 2 is taken with conditions

Conditions

1 condition

If All of this is true:

- 1. Sorry to hear that. Let's get a su... is by email

and Add condition +

New condition group +

Assistant says

Great. What's your email address?

Assistant recognizes pattern in user's text

Edit response Edit validation

And then

Continue to next step

Preview

IBM Watson Assistant Lite Upgrade support

System is training...

Actions

Created by you

Name	Last edited	Examples Count	Status
help	a few seconds ago	10	

Items per page: 50 Showing 1-1 of 1 actions

1 1 of 1 pages

Preview



Preview assistant

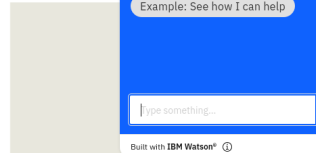
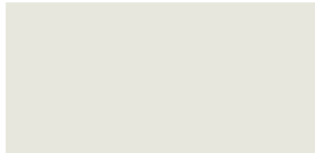
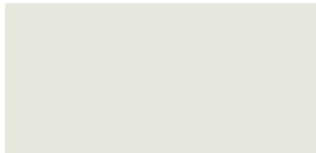
Copy link to share

Change background +

Customize web chat



Sample website



Hi! I'm a virtual assistant.
How can I help you today?

Example: Find nearby location

Example: Check account balance

Example: See how I can help

Built with IBM Watson®

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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

↑

New action +

Name	Last edited	Examples Count	Status
Hi	25 minutes ago	1	✓

Items per page: 50

Showing 1–1 of 1 actions

11 of 1 pages

Developing a Ch...docx

Developing a Chat...pdf

Show 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 interface 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, there are buttons for "Continue to next step", "Free text", and "Fresher". Step 2 is also visible, asking "Are you a Fresher or Experienced in this Sector?". The right panel, titled "Assistant says", shows the response for Step 1. It includes a text area with the same text as Step 1, a "User enters free text" button, and options to "Edit response" and "Edit validation". At the bottom, there is a "Continue to next step" button and a "Preview" button.

Step 7: Embed the code.

The screenshot shows the IBM Watson Assistant interface for embedding the code. The top navigation bar includes "IBM Watson Assistant Lite", "Upgrade", "Skill/Job Recom...", and "Learning center". The main interface is titled "Web chat" and has a "Draft" status. There are buttons for "Close" and "Save and exit". Below the title bar, there is a navigation menu with tabs: "Launcher", "Home screen", "Live agent", "Suggestions", "Security", and "Embed". The "Embed" tab is selected. The main content area is titled "</> Embed on your website" and includes the text "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-4fal-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>
```

At the bottom right of the code block, there is a "Show more" button.

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INTEGRATING CHATBOT TO HTML PAGE

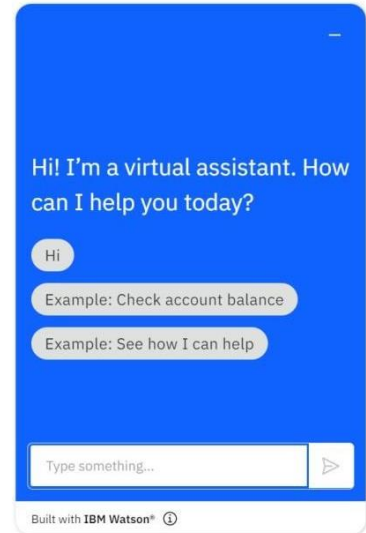
```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <h1>My Chatbot</h1>
  <blockquote>Click the bottom right corner 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

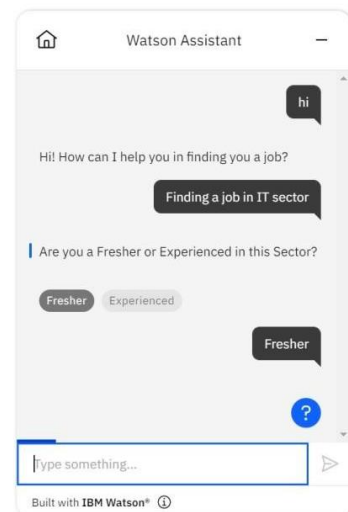
My Chatbot

Click the bottom right corner to chat



My Chatbot

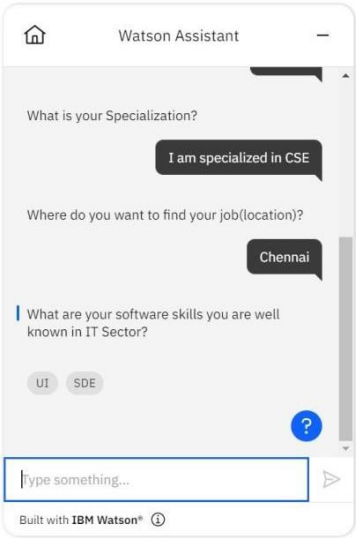
Click the bottom right corner to chat



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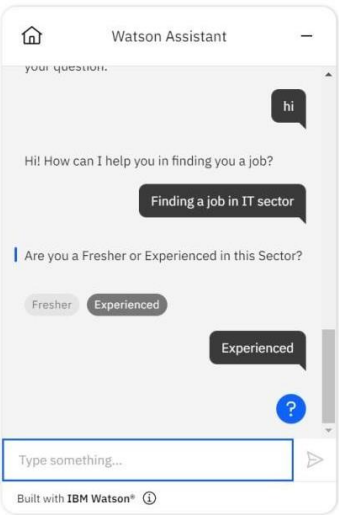
My Chatbot

Click the bottom right corner to chat

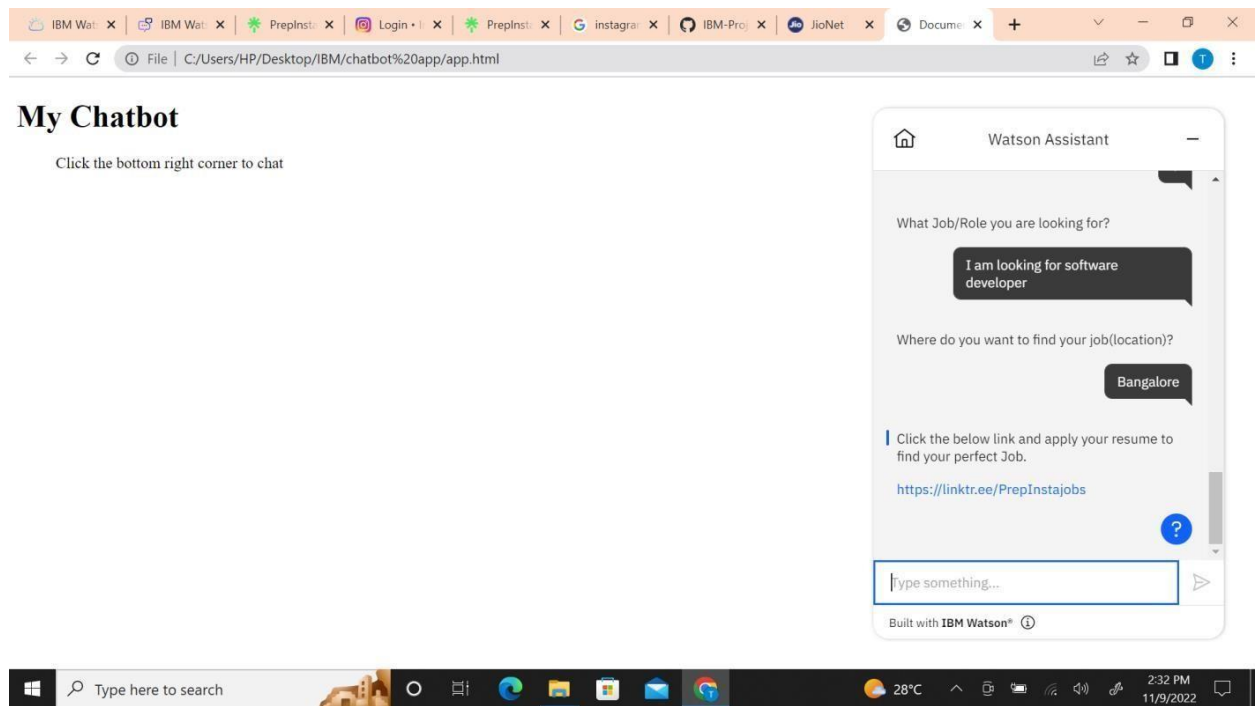


My Chatbot

Click the bottom right corner to chat



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The Chatbot is created and integrated successfully.