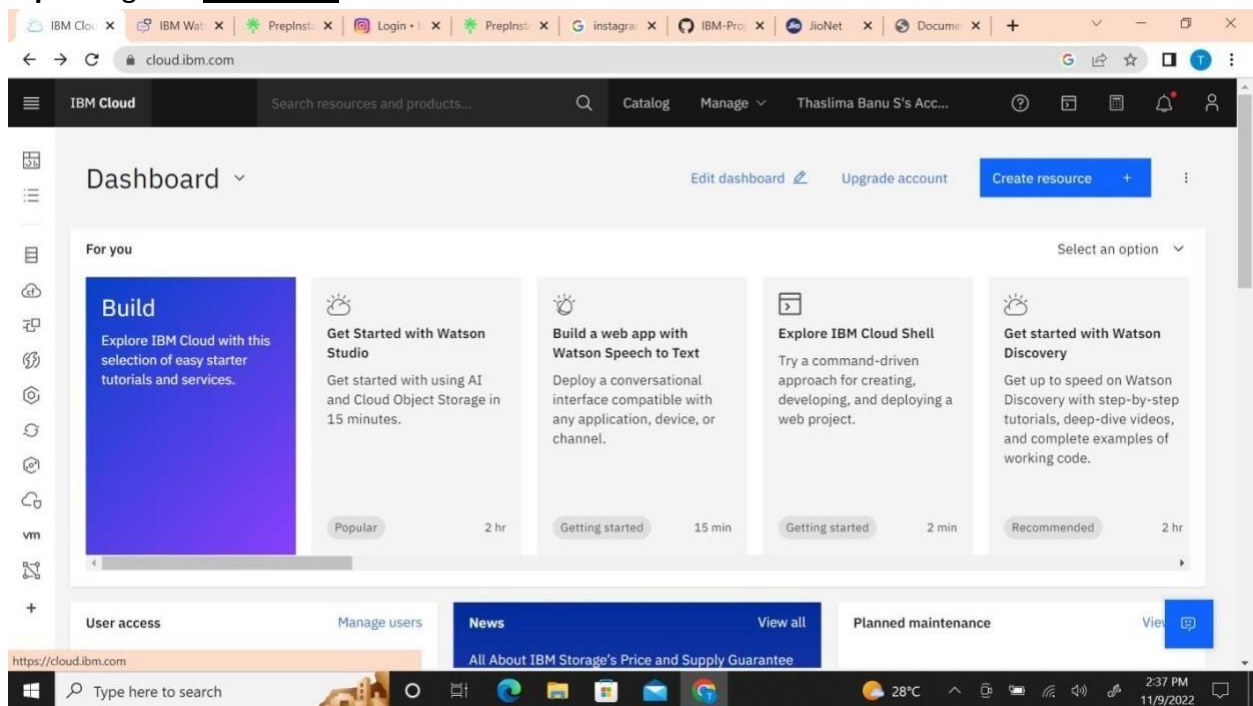


**DEVELOPING A CHATBOT**

Date	9 November 2022
Team ID	PNT2022TMID22285
Project Name	Skills/ Job Recommender Application

**Build the Chatbot****Step 1: Login to IBM Cloud****Step 2: Search Watson Assistant**

**Step**

The screenshot shows the IBM Cloud Watson Assistant catalog page. The browser address bar displays `cloud.ibm.com/catalog/services/watson-assistant`. The page header includes the IBM Cloud logo, a search bar, and navigation links for Catalog, Manage, and the user profile (Thaslima Banu S's Acc...). The main content area is titled "Watson Assistant" and includes a description: "Watson Assistant lets you build conversational interfaces into any application, device, or channel." Below this, there are tabs for "Create" and "About". The "Create" tab is active, showing a "Select a location" dropdown menu with "Sydney (au-syd)" selected. Below this is a "Select a pricing plan" section with a table of plans. The table has columns for Plan, Features, and Pricing. The "Lite" plan is selected, with features "Everything you need to get started, free for as" and a price of "Free". On the right side, there is a "Summary" panel showing details: "Watson Assistant", "Location: Sydney", "Plan: Lite", "Service name: Watson Assistant-83", and "Resource group: Default". There is also a checkbox for "I have read and agree to the following license agreements:" with a link to "Terms". At the bottom of the page, there is a "Show all" button.

Plan	Features	Pricing
Lite	Everything you need to get started, free for as	Free

**3: Then Select the Launch Watson Assistant**

The screenshot shows the IBM Cloud Watson Assistant resource page. The browser address bar displays `cloud.ibm.com/services/conversation/cm%3Av1%3Abluemix%3Apublic%3Aconversation%3Aau-syd%3Aa%2F141c7ed6f1a74e71ac365d3becc0b3c9...`. The page header includes the IBM Cloud logo, a search bar, and navigation links for Catalog, Manage, and the user profile (Thaslima Banu S's Acc...). The main content area is titled "Watson Assistant-a1" and includes a status indicator "Active" and a link to "Add tags". Below this, there is a "Manage" section with links for "Service credentials", "Plan", and "Connections". The "Plan" section shows the "Lite" plan with an "Upgrade" button. The "Connections" section shows a "Launch Watson Assistant" button, a "Getting started tutorial" link, and an "API reference" link. Below this, there is a "Credentials" section with a "Download" button and a "Show credentials" button. The "API key" field is filled with a masked value, and the "URL" field is filled with `https://api.au-syd.assistant.watson.cloud.ibm.com/`.

## Step

### Step 4: Then Get Started

Welcome, you're in the new Watson Assistant!

We have some exciting changes in store for you [Take a tour](#)

**Faster build**  
We've simplified everything about the build process making it up to 6 times faster to launch your assistant.  
[Get started](#)

**Easy to use**  
Now anyone can build a fully-functioning assistant without the usual heavy lift from a development team.  
[View documentation](#)

**New features**  
The new Watson Assistant is loaded with features that empower you to meet the complexity of customer needs.  
[See what's new](#)

[Hide details](#)

**Skill/Job Recommender | English (US)**  
No description

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

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](#)

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

Items per page: 50 Showing 1–1 of 1 actions 1 1 of 1 pages

**Step****6: Then End the Action.**

The screenshot shows the IBM Watson Assistant interface. On the left, the 'Conversation steps' panel lists three steps. Step 1 is highlighted, showing the text 'Hi! How can I help you in finding you a job?'. Step 2 is 'Are you a Fresher or Experienced in this Sector?' with buttons for 'Fresher' and 'Experienced'. Step 3 is 'What is your Specialization?'. The main area shows the configuration for Step 1, which is 'without conditions'. The 'Assistant says' section contains the text 'Hi! How can I help you in finding you a job?'. Below this, there is a 'User enters free text' input field. The 'And then' section has a 'Continue to next step' action. The interface includes a top navigation bar with 'IBM Watson Assistant Lite', 'Upgrade', 'Skill/Job Recom...', and 'Learning center'. The bottom of the screen shows a Windows taskbar with various icons and the system clock at 2:46 PM on 11/9/2022.

**Step 7: Embed the code.**

The screenshot shows the IBM Watson Assistant interface with the 'Embed' tab selected. The 'Web chat' section is in 'Draft' mode. The 'Embed' tab is active, showing 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

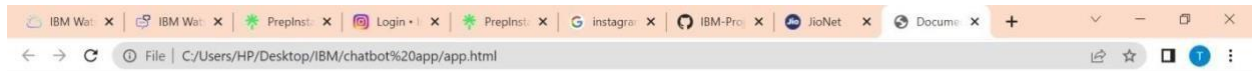
<script>
window.watsonAssistantChatOptions = {
  integrationID: "01ca5fe5-3f42-4a97-8965-332afedd97be", // The ID of this integration.
  region: "au-syd", // The region your integration is hosted in.
  serviceInstanceID: "5683f375-e95c-4fa1-8471-5b76177675c2", // The ID of your service instance.
  onLoad: 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>
```

The interface includes a top navigation bar with 'IBM Watson Assistant Lite', 'Upgrade', 'Skill/Job Recom...', and 'Learning center'. The bottom of the screen shows a Windows taskbar with various icons and the system clock at 2:35 PM on 11/9/2022.

**INTEGRATING CHATBOT TO HTML PAGE**

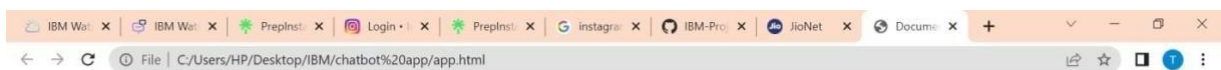
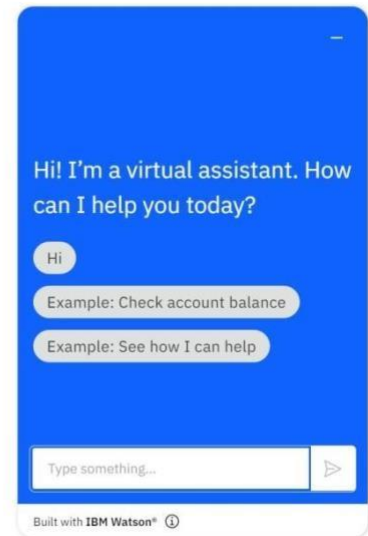
```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <h1>My Chatbot</h1>
  <blockquote>Click the bottom right corner to chat</blockquote>
<script> window.watsonAssistantChatOptions = { integrationID: "01ca5fe5-3f42-4a97-
8965332afedd97be", // 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>
```

**PREVIEW OF CHATBOT**



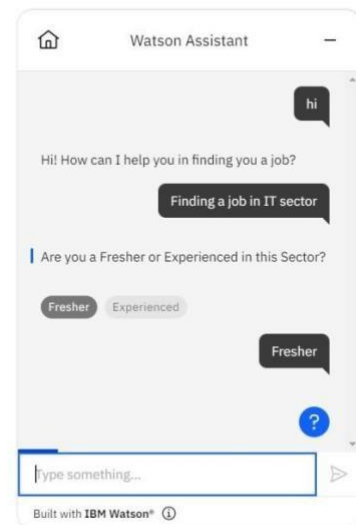
## My Chatbot

Click the bottom right corner to chat



## My Chatbot

Click the bottom right corner to chat



The screenshot shows a web browser window with multiple tabs open. The active tab displays a chatbot interface titled "My Chatbot". The chatbot is a "Watson Assistant" and is asking the user for their specialization, location, and software skills. The user has responded with "I am specialized in CSE" and "Chennai". The chatbot is also asking for software skills, with "UI" and "SDE" as suggested options. The chatbot interface is built with IBM Watson. The browser's address bar shows the file path "C:/Users/HP/Desktop/IBM/chatbot%20app/app.html". The Windows taskbar at the bottom shows the search bar, taskbar icons, and system tray information including temperature (28°C) and time (2:30 PM, 11/9/2022).

**My Chatbot**

Click the bottom right corner to chat

Watson Assistant

What is your Specialization?

I am specialized in CSE

Where do you want to find your job(location)?

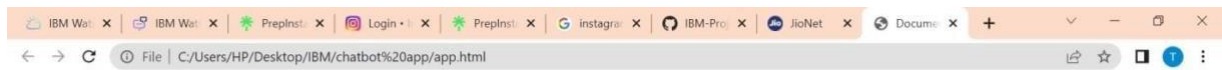
Chennai

What are your software skills you are well known in IT Sector?

UI SDE

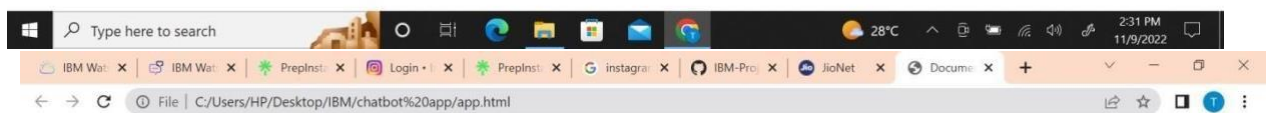
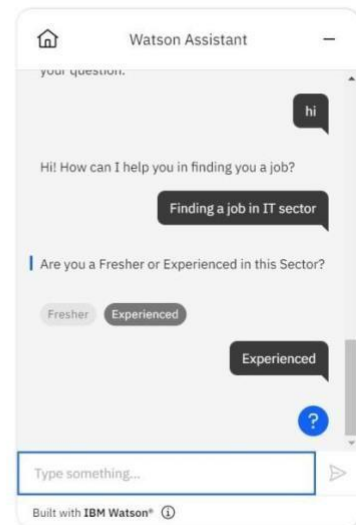
Type something...

Built with IBM Watson®



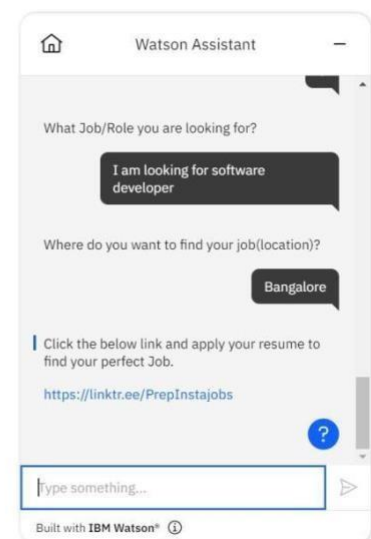
## My Chatbot

Click the bottom right corner to chat



## My Chatbot

Click the bottom right corner to chat





The Chatbot is created and integrated successfully.