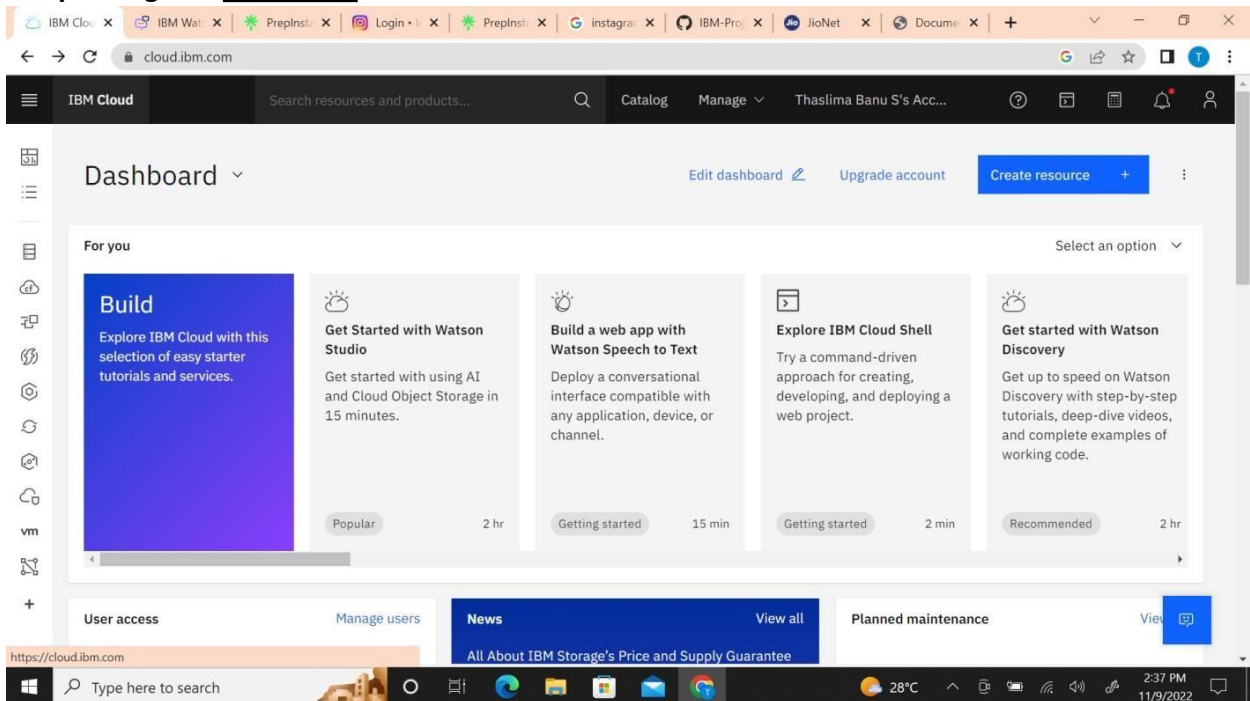


## DEVELOPING A CHATBOT

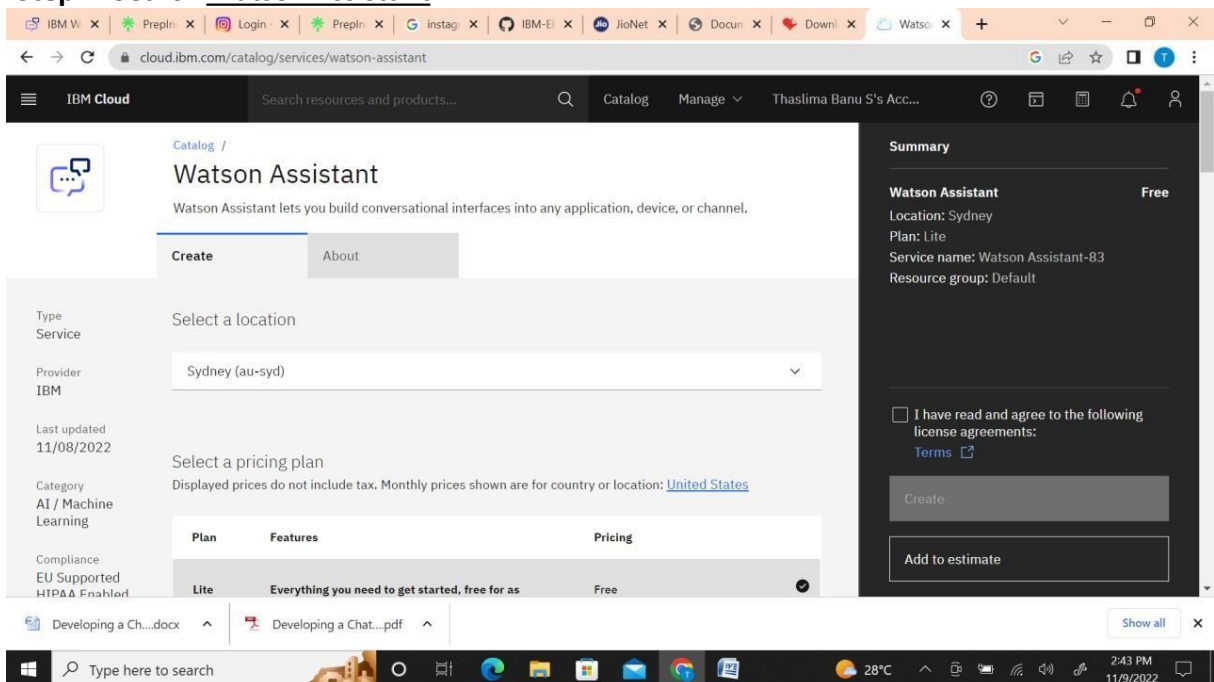
Date	9 November 2022
Team ID	PNT2022TMID25936
Project Name	Skills/ Job Recommender Application

### Build the Chatbot

#### Step 1: Login to IBM Cloud



#### Step 2: Search Watson Assistant



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

The screenshot shows the IBM Cloud console for a Watson Assistant instance named 'Watson Assistant-a1'. The instance is in an 'Active' state. The 'Manage' tab is selected, showing options for 'Service credentials', 'Plan', and 'Connections'. The 'Plan' section shows the current plan is 'Lite'. The 'Launch Watson Assistant' button is prominent. Below it, the 'Credentials' section shows the API key and URL. The URL is `https://api.au-syd.assistant.watson.cloud.ibm.com/`.

**Step 4: Then Get Started**

The screenshot shows the IBM Watson Assistant 'Welcome' page. The page has a dark header with 'IBM Watson Assistant Lite' and 'Upgrade' buttons. The main content area has a 'Welcome, you're in the new Watson Assistant!' message and a 'Take a tour' button. Below this, there are three sections: 'Faster build' (simplified build process), 'Easy to use' (fully-functioning assistant without heavy lift), and 'New features' (new features to meet customer needs). Each section has a 'Get started', 'View documentation', or 'See what's new' button. The bottom of the page shows the 'Skill/Job Recommender' section with 'English (US)' and 'No description'.

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

IBM Watson Assistant Lite Upgrade Skill/Job Recom... Learning center

### Actions

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	Success

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

Developing a Ch...docx Developing a Chat...pdf Show all

Type here to search 28°C 2:45 PM 11/9/2022

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

The screenshot shows the IBM Watson Assistant interface. The top navigation bar includes 'IBM Watson Assistant Lite', 'Upgrade', 'Skill/Job Recom...', and 'Learning center'. The main area displays a conversation flow. On the left, a 'Conversation steps' panel shows a sequence of steps: Step 1 (Hi! How can I help you in finding you a job?), Step 2 (Are you a Fresher or Experienced in this Sector?), and Step 3 (What is your Specialization?). The main workspace shows 'Step 1 is taken' with a dropdown menu set to 'without conditions'. Below this, the 'Assistant says' section contains the text 'Hi! How can I help you in finding you a job?'. A 'User enters free text' bubble is shown below the assistant's response. The 'And then' section at the bottom has a dropdown menu set to 'Continue to next step'. A 'Preview' button is visible on the right side of the workspace.

**Step 7: Embed the code.**

The screenshot shows the IBM Watson Assistant interface with the 'Embed' tab selected. The top navigation bar is the same as in the previous screenshot. The main area displays the 'Embed on your website' section. It includes a heading '</> Embed on your website' and a subheading 'Ready to launch? It's as easy as copy and paste. [Learn more](#)'. Below this, a code block contains the following JavaScript code:

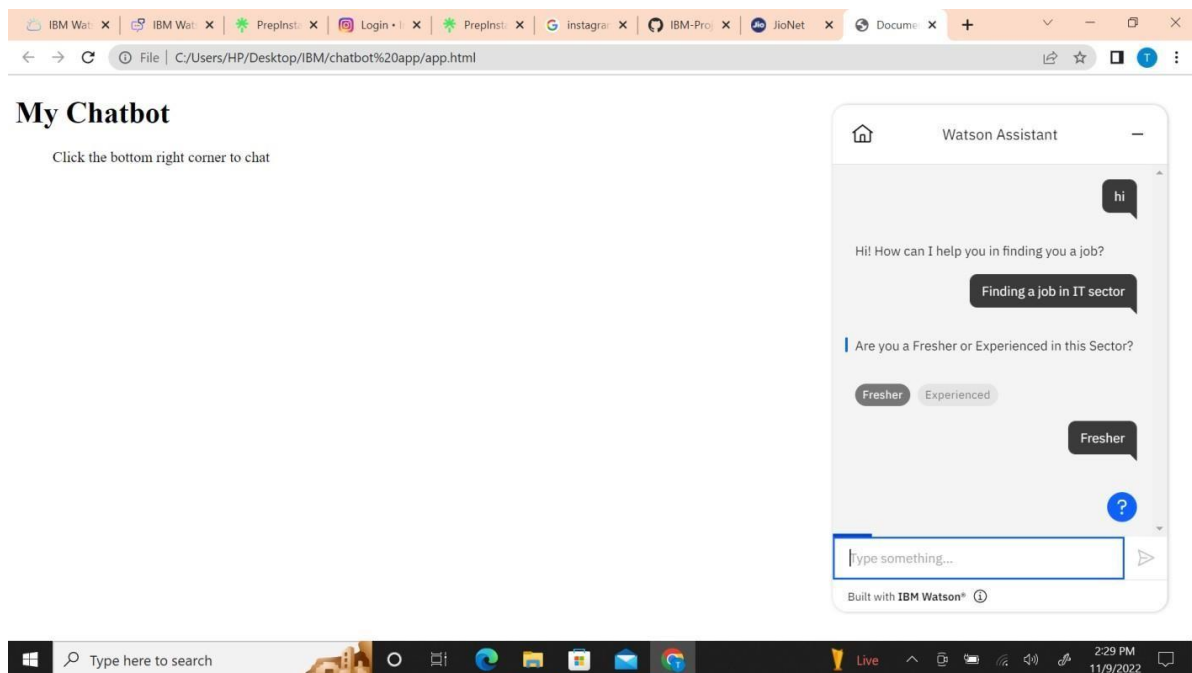
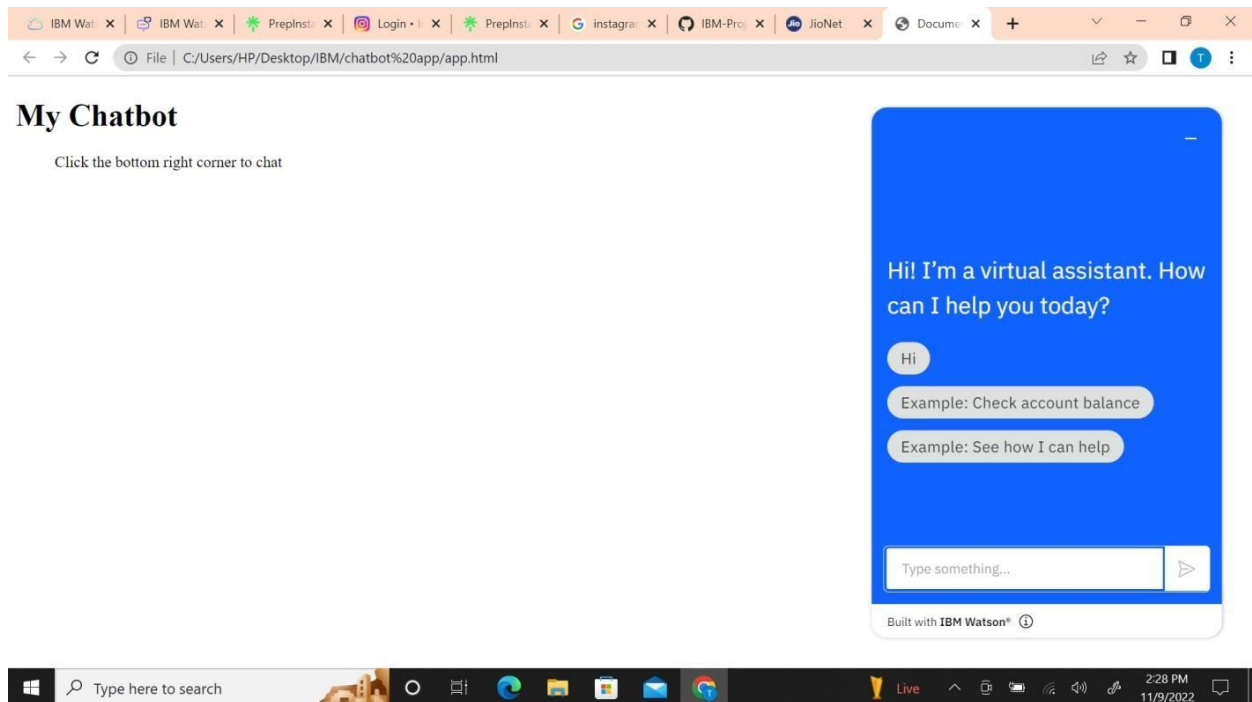
```
<script>
window.watsonAssistantChatOptions = {
  integrationID: "01ca5fe5-3f42-4a97-8965-332afedd97be", // The ID of this integration.
  region: "au-syd", // The region your integration is hosted in.
  serviceInstanceID: "5683f375-e95c-4fa1-8471-5b76177675c2", // The ID of your service instance.
  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' link is visible at the bottom right of the code block. The bottom of the interface shows a Windows taskbar with various application icons and a system clock displaying 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: "01ca5fe5-3f42-4a97-8965-332afedd97be", // 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>
```

## PREVIEW OF CHATBOT



IBM Wat x IBM Wat x Preplnst x Login x Preplnst x instagra x IBM-Pro x JioNet x Docume x + - x

File | C:/Users/HP/Desktop/IBM/chatbot%20app/app.html

## 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®

Windows taskbar: Type here to search, 28°C, 2:30 PM 11/9/2022

IBM Wat x IBM Wat x Preplnst x Login x Preplnst x instagra x IBM-Pro x JioNet x Docume x + - x

File | C:/Users/HP/Desktop/IBM/chatbot%20app/app.html

## My Chatbot

Click the bottom right corner to chat

Watson Assistant

your question.

hi

Hi! How can I help you in finding you a job?

Finding a job in IT sector

Are you a Fresher or Experienced in this Sector?

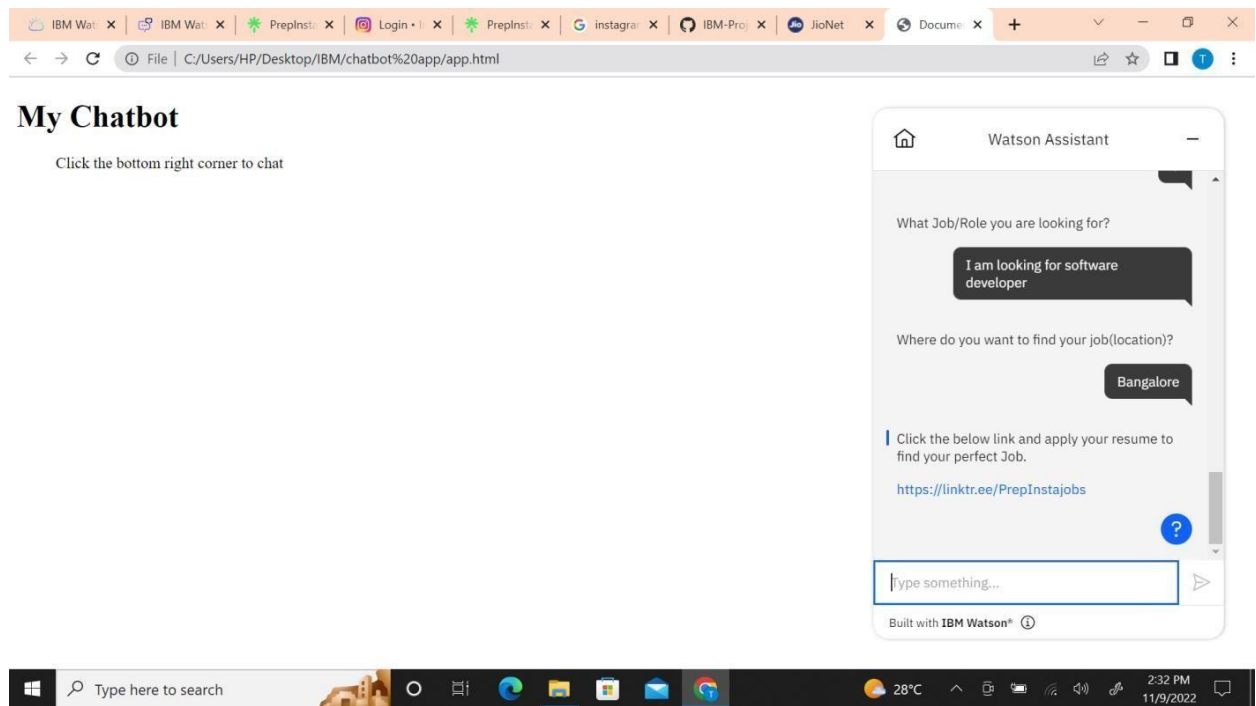
Fresher Experienced

Experienced

Type something...

Built with IBM Watson®

Windows taskbar: Type here to search, 28°C, 2:31 PM 11/9/2022



The Chatbot is created and integrated successfully.