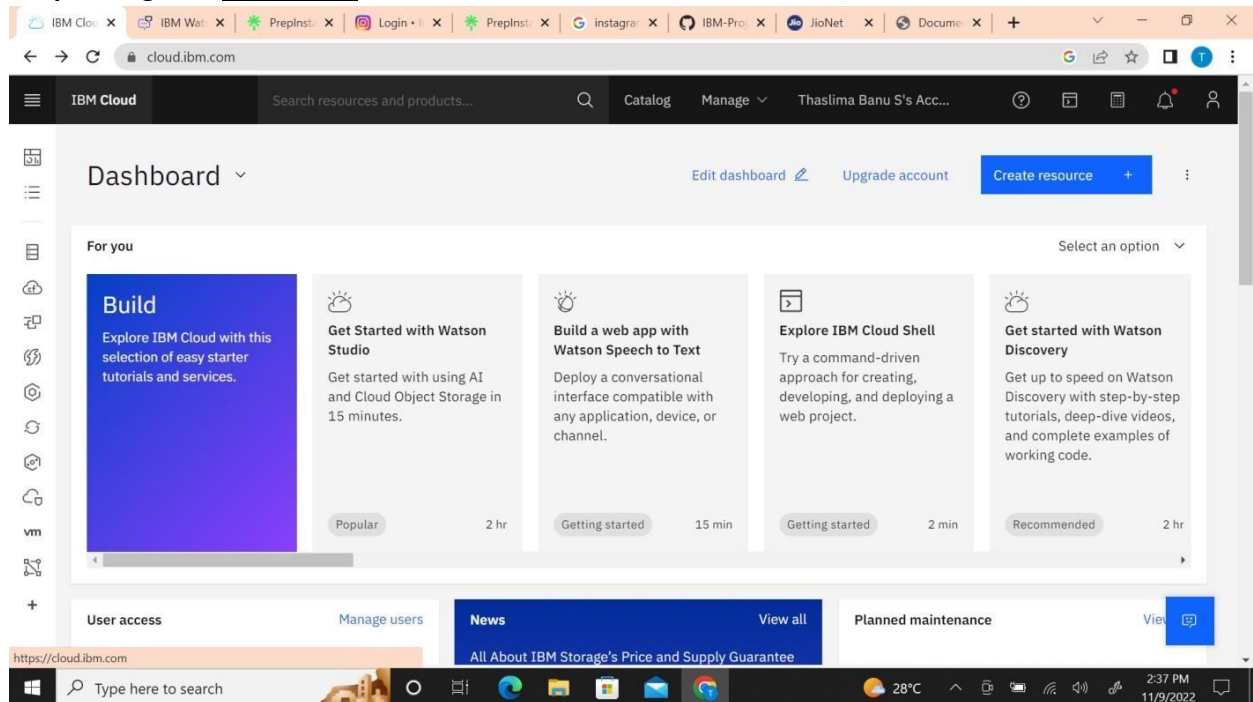
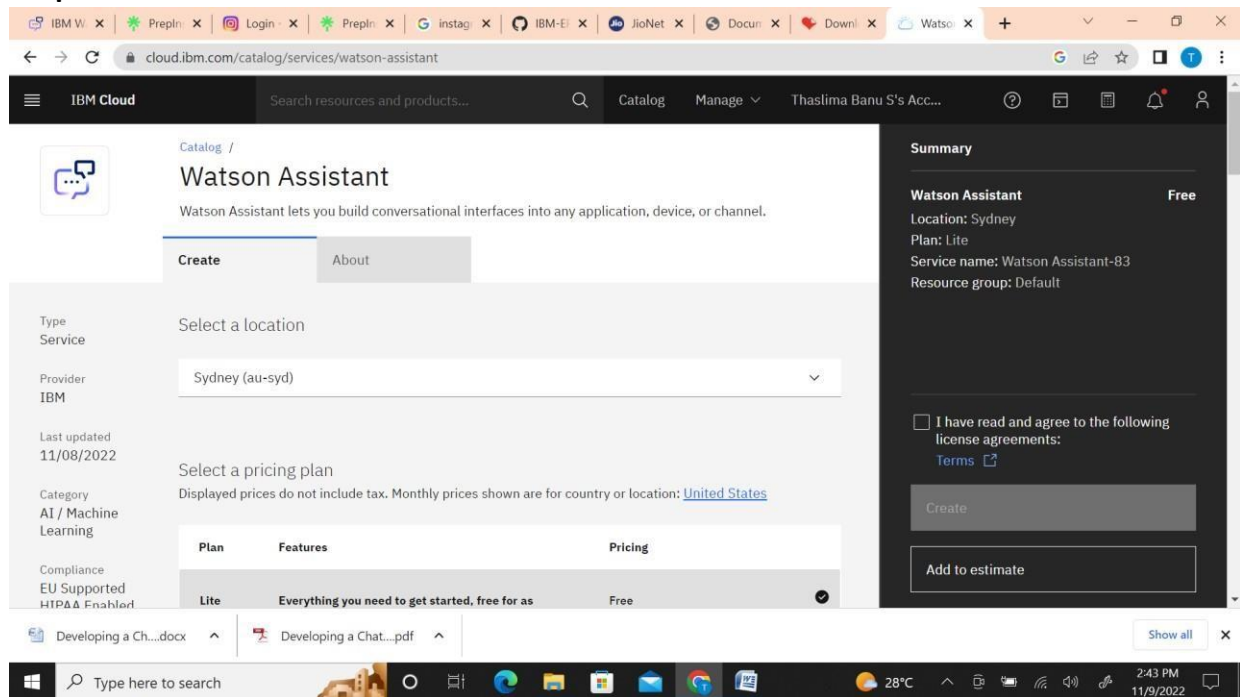


DEVELOPING A CHATBOT

Date	9 November 2022
Team ID	PNT2022MID05736
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's account (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, showing "Everything you need to get started, free for as" and "Free". To the right of the table is a "Summary" panel with details: "Watson Assistant", "Location: Sydney", "Plan: Lite", "Service name: Watson Assistant-83", and "Resource group: Default". There is a checkbox for "I have read and agree to the following license agreements:" with a link to "Terms". Below this are buttons for "Create" and "Add to estimate". The bottom of the page shows a Windows taskbar with various icons and the system clock displaying 2:43 PM on 11/9/2022.

IBM Cloud

Search resources and products...

Catalog Manage Thaslima Banu S's Acc...

Watson Assistant

Watson Assistant lets you build conversational interfaces into any application, device, or channel.

Create About

Type Service

Provider IBM

Last updated 11/08/2022

Category AI / Machine Learning

Compliance EU Supported HIPAA Enabled

Select a location

Sydney (au-syd)

Select a pricing plan

Displayed prices do not include tax. Monthly prices shown are for country or location: [United States](#)

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

Summary

Watson Assistant Free

Location: Sydney

Plan: Lite

Service name: Watson Assistant-83

Resource group: Default

☐ I have read and agree to the following license agreements: [Terms](#)

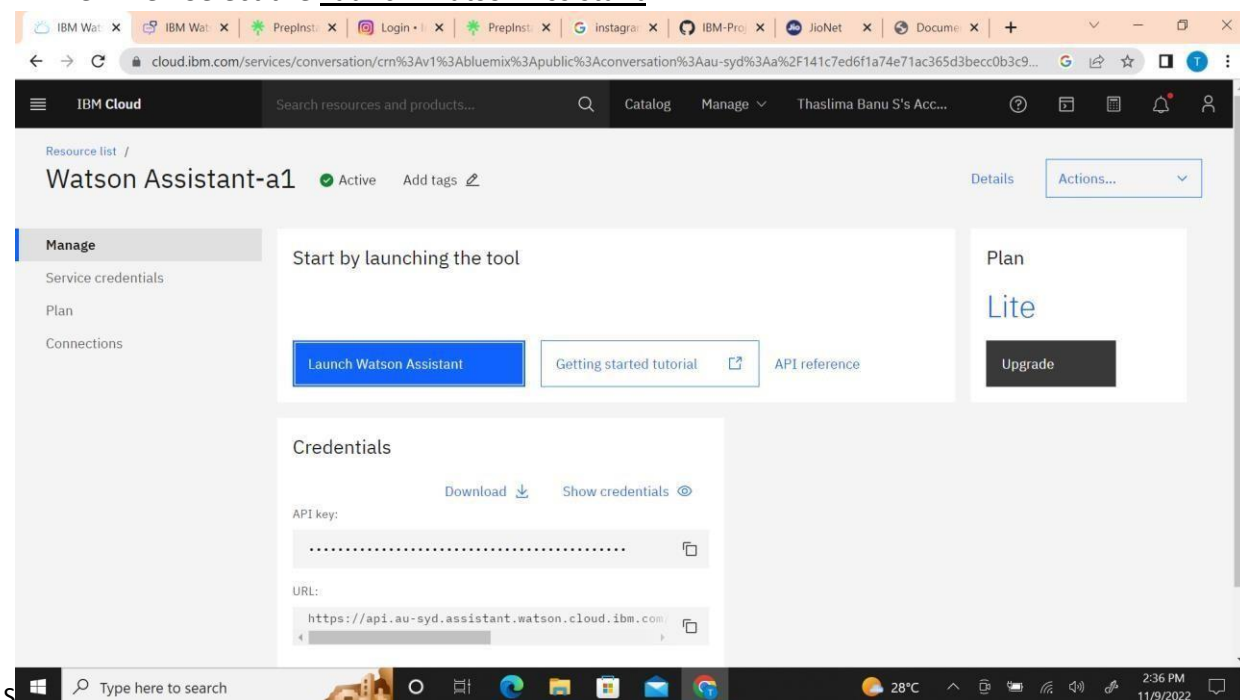
Create

Add to estimate

Developing a Ch...docx

Developing a Chat...pdf

Show all

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/crm%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's account (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 are tabs for "Manage", "Service credentials", "Plan", and "Connections". The "Manage" tab is active, showing a "Start by launching the tool" section with a "Launch Watson Assistant" button, a "Getting started tutorial" link, and an "API reference" link. To the right of this section is a "Plan" panel showing "Lite" and an "Upgrade" button. Below the "Start by launching the tool" section 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/`. The bottom of the page shows a Windows taskbar with various icons and the system clock displaying 2:36 PM on 11/9/2022.

IBM Cloud

Search resources and products...

Catalog Manage Thaslima Banu S's Acc...

Resource list /

Watson Assistant-a1 Active Add tags

Details Actions...

Manage

Service credentials

Plan

Connections

Start by launching the tool

Launch Watson Assistant

Getting started tutorial

API reference

Plan

Lite

Upgrade

Credentials

Download

Show credentials

API key:

.....

URL:

`https://api.au-syd.assistant.watson.cloud.ibm.com/`

Step 4: Then Get Started

Step

IBM Watson Assistant Lite Upgrade Skill/Job Recommender Learning center

Home

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

Developing a Ch...docx Developing a Chat...pdf [Show all](#)

Type here to search 28°C 2:44 PM 11/9/2022

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

IBM Watson Assistant Lite Upgrade Skill/Job Recommender Learning center

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](#)

[New action](#)

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

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. On the left, the 'Conversation steps' panel lists three steps. Step 1 is highlighted and contains the text 'Hi! How can I help you in finding you a job?'. Below it, there are buttons for 'Continue to next step', 'Free text', and 'New step'. 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?'. On the right, the 'Assistant says' panel shows the text 'Hi! How can I help you in finding you a job?'. Below it, there is a 'User enters free text' button and a 'Continue to next step' button. The top bar shows 'IBM Watson Assistant Lite' and 'Upgrade' options. The bottom bar shows the Windows taskbar with the time 2:46 PM on 11/9/2022.

Step 7: Embed the code.

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

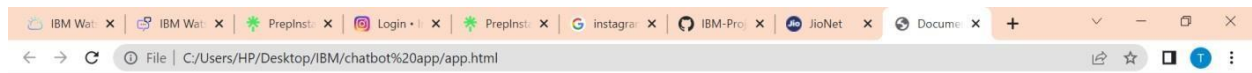
```
<script>
window.watsonAssistantChatOptions = {
  integrationID: "01ca5fe5-3f42-4a97-8965-332afedd97be", // The ID of this integration.
  region: "au-syd", // The region your integration is hosted in.
  serviceInstanceID: "5683f375-e95c-4fa1-8471-5b76177675c2", // The ID of your service instance.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

Below the code block, there is a 'Show more' link. The top bar shows 'IBM Watson Assistant Lite' and 'Upgrade' options. The bottom bar shows the Windows taskbar with the time 2:35 PM on 11/9/2022.

INTEGRATING CHATBOT TO HTML PAGE

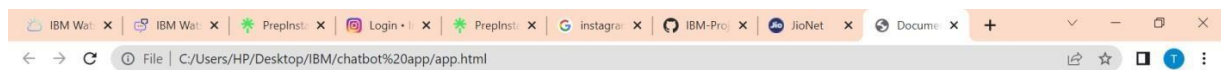
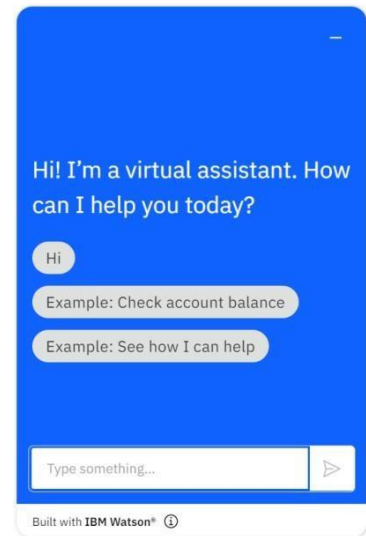
```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <h1>My Chatbot</h1>
  <blockquote>Click the bottom right corner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



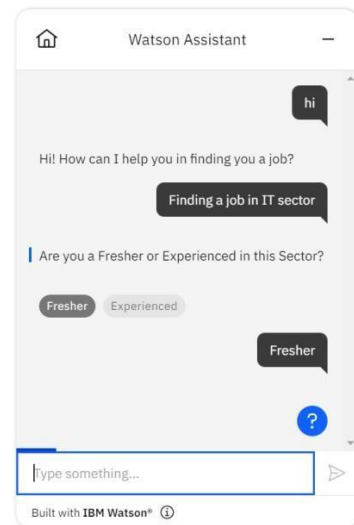
My Chatbot

Click the bottom right corner to chat



My Chatbot

Click the bottom right corner to chat



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®

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

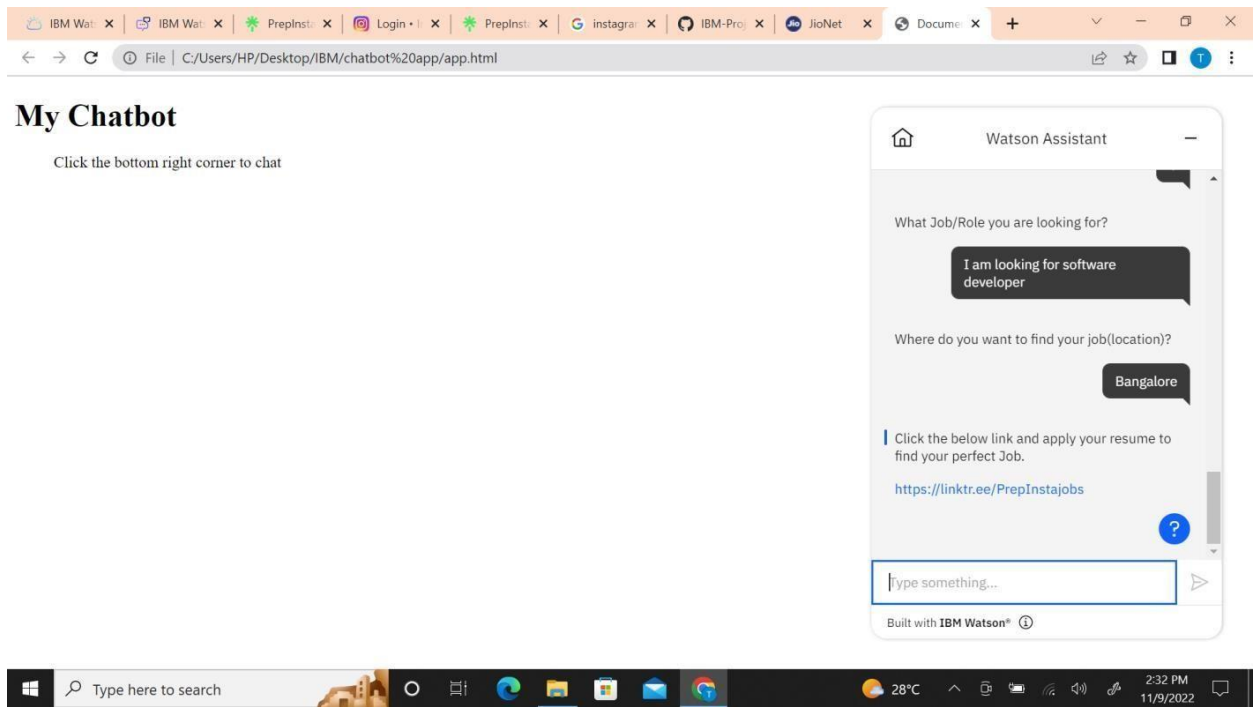
Experienced

Type something...

Built with IBM Watson®

Type here to search

28°C 2:31 PM 11/9/2022



The Chatbot is created and integrated successfully.