

## **SPRINT 4**

Date	19 November 2022
Team ID	PNT2022TMID03974
Project Name	Skills/Job Recommender Application

**Design an application with following specification**

- 1. Registration page**
- 2. Login page**
- 3. Application Page**
- 4. Email Conformation Page**
- 5. Dashboard**
- 6. Chat bot**
- 7. DB2 integration with python**
- 8. Sendgrid integration with python**
- 9. Kubernetes deployment of application**

**REGISTRATION PAGE :**

**OUTPUT:**

### Skill And Job Recommender

#### Profile Registration

Name

Enter Name

Phone number

Enter Phonenumber

Email Id

example@gmail.com

Password

Enter Password

Register

Login.html

OUTPUT:

## Skill And Job Recommender

### Login Your Profile


Email Id

example@gmail.com

Password

Enter Password

Login

 Continue with LinkedIn

New user?

## Application Page:

## OUTPUT:

### APPLICATION FORM

#### Personal Details

Applicant's Full Name

--Select--

Case Of

Patient ☐ Guardian ☐

Father's Name

--Select--

Mother's Name

Mrs. 

--Select--

Gender

Male ☐ Female ☐ Others ☐

Date of Birth

mm/dd/yyyy

Marital Status

--Select--

Category

--Select--

Handicapped

No ☐ Yes ☐

Ex-Serviceman

No ☐ Yes ☐

#### Contact Details

Mobile Number

Email ID

Address Line 1

Address Line 2

City

State

--Select--

Area of Interest

#### Qualification Details

Sl.No.	Qualification	Board/University	Passing Year	Max Marks	Marks Obtained	Percentage
1	<div><div>--Select--</div><div></div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
2	<div><div>--Select--</div><div></div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
3	<div><div>--Select--</div><div></div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>

#### Language Knowledge

Language	Reading	Writing	Spoken
Hindi	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
English	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Urdu	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

#### Identification Details

Aadhar Card Number

PAN Card Number

Upload Photo

Choose File

No file chosen

Upload Signature

Choose File

No file chosen

Submit

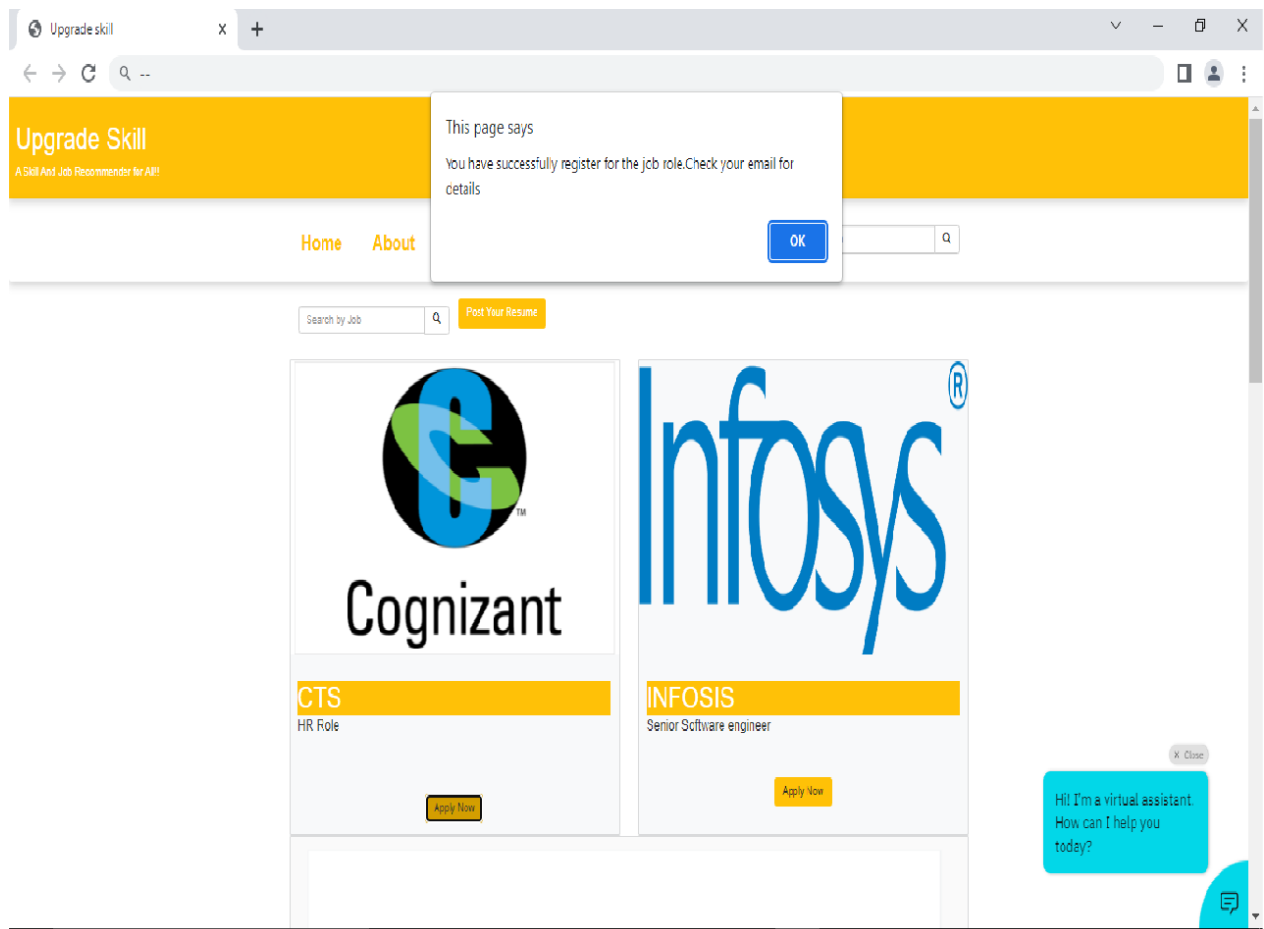
## EMAIL CONFORMATION PAGE:

## OUTPUT:



## UPGRADE SKILL:

## OUTPUT:



# Chat Integrated Dashboard(upgrade skill):

## Chat bot creation:

IBM Cloud Search resources and products... Catalog Manage SSV K Sahit's Account

Catalog / Watson Assistant

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

Create About

Type Service

Provider IBM

Last updated 11/17/2022

Category AI / Machine Learning

Compliance EU Supported HIPAA Enabled IAM-enabled

Location Sydney Frankfurt London Tokyo Washington DC

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	<b>Everything you need to get started, free for as long as you need it</b> Up to 1,000 unique monthly active users (MAUs) chatting with your assistant Up to 10,000 messages per month --- Features --- • World-class conversational AI with Watson • Make your website assistant your own with Webchat - deploy Webchat in minutes, or use our fully extensible architecture	Free

**Summary**

**Watson Assistant** Free

Location: Sydney

Plan: Lite

Service name: Watson Assistant-68

Resource group: Default

**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](#).

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

Create

Add to estimate

IBM Watson Assistant Lite Upgrade Jobrecommender Learning center

Home

Welcome, you're in the new Watson Assistant! [Learn more](#)

Jobrecommender | English (US)

No description

**Get started**

3 steps left 7 min

0%

- ☐ Learn about Watson Assistant 5 min
- ☐ Explore your learning center Explore at your own pace, and mark as complete when you're ready
- ☐ Explore Watson Assistant features on interactive demo site 2 min

**Create a conversation**

0 steps left 0 min

100%

What can you do?

Customer starts with:  
Can you please give me a list of the types of things you can...  
▼

Conversation steps

1

I can do a whole lot of things, from answer in questions to answering your needs  
↓ Continue to next step

2

Highest Degree of Qualification  
12th Standar... 10th Standard + 2  
↓ Continue to next step

3

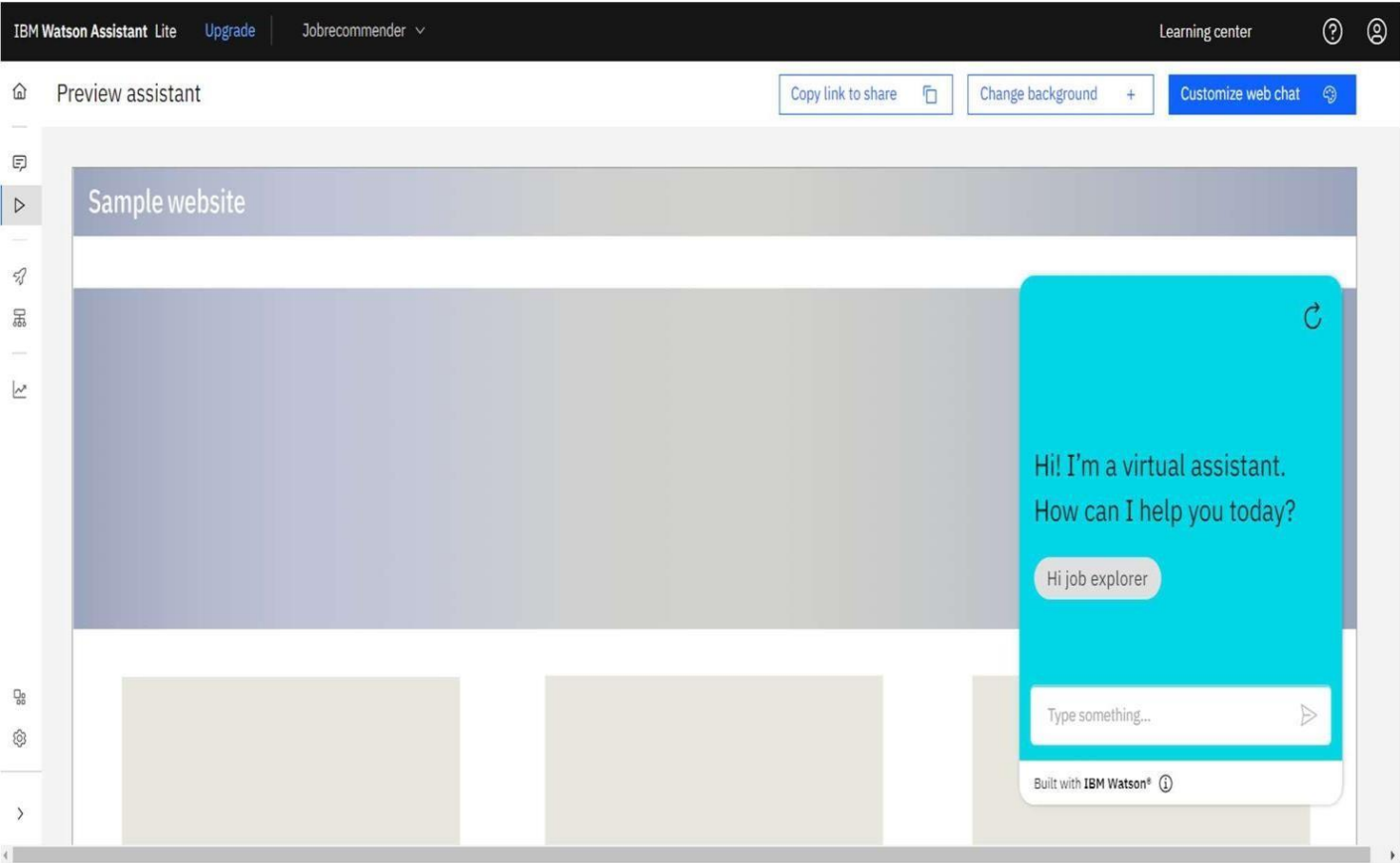
2 is 12th Standard/ Diploma Graduate  
Skills Acquired by you  
Communicati... Others + 6  
↓ Continue to next step

New step +

Customer starts with:  
Enter phrases that a customer types or says to start the conversation about a specific topic. These phrases determine the task, problem, or question your customer has.  
The more phrases you enter, the better your assistant can recognize what the customer wants.  
Enter phrases your customer might use to start this action Total: 28  
Enter a phrase  
hi  
what questions can you answer  
What kinds of things can you do?  
What features are in here?

Preview ▶

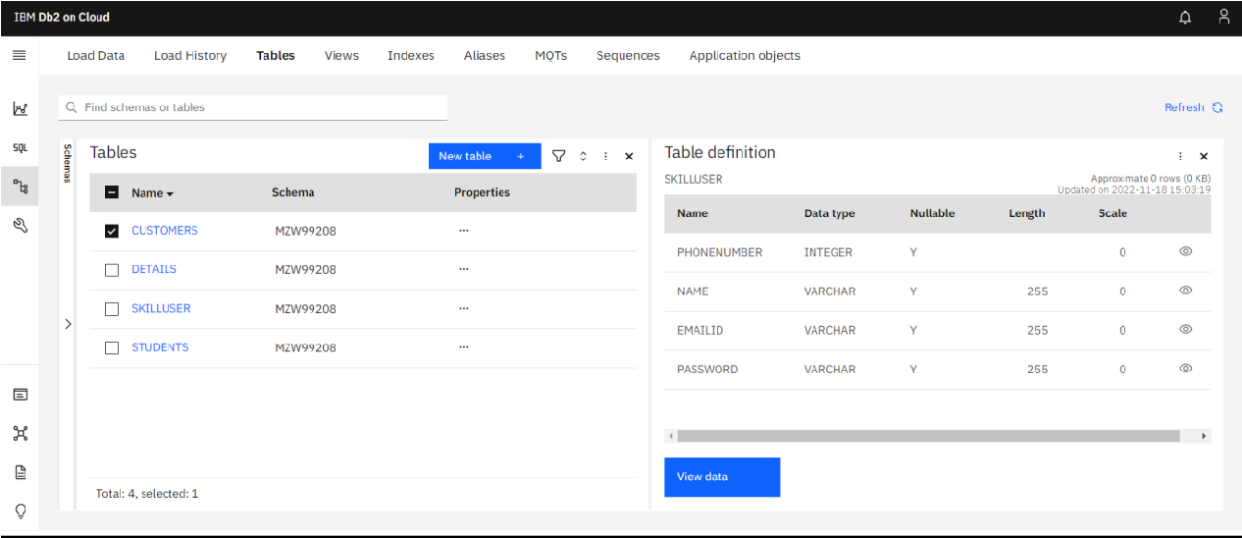
OUTPUT:





# DB2 integration with application:

## Creating DB2:



OUTPUT:

Table details of Skill User Info:

IBM Db2 on Cloud

Load DataLoad HistoryTablesViewsIndexesAliasesMQTsSequencesApplication objects

MZW99208.SKILLUSER

Back

Export to CSV

PHONENUMBER	NAME	EMAILID	PASSWORD
88888	hi	pradeepnarayaniyappan@gmail.com	ssssss
7777777	fff	sec19ec096sairamtap.edu.in	dog
99999999	wolf	pradeepnarayaniyappan@gmail.com	admin
99999999	mycluster-dal10-	pradeep2001	dddddd
99999999	mycluster-dal10-	sec19ec096sairamtap.edu.in	dddddd
99999999	mycluster-dal10-	sec19ec096sairamtap.edu.in	ffff
950265645	Prem Kashyap Chilakamarthi	Prem0046	prem

Table details collected from Application Form:

IBM Db2 on Cloud

Load DataLoad HistoryTablesViewsIndexesAliasesMQTsSequencesApplication objects

MZW99208.DETAILS

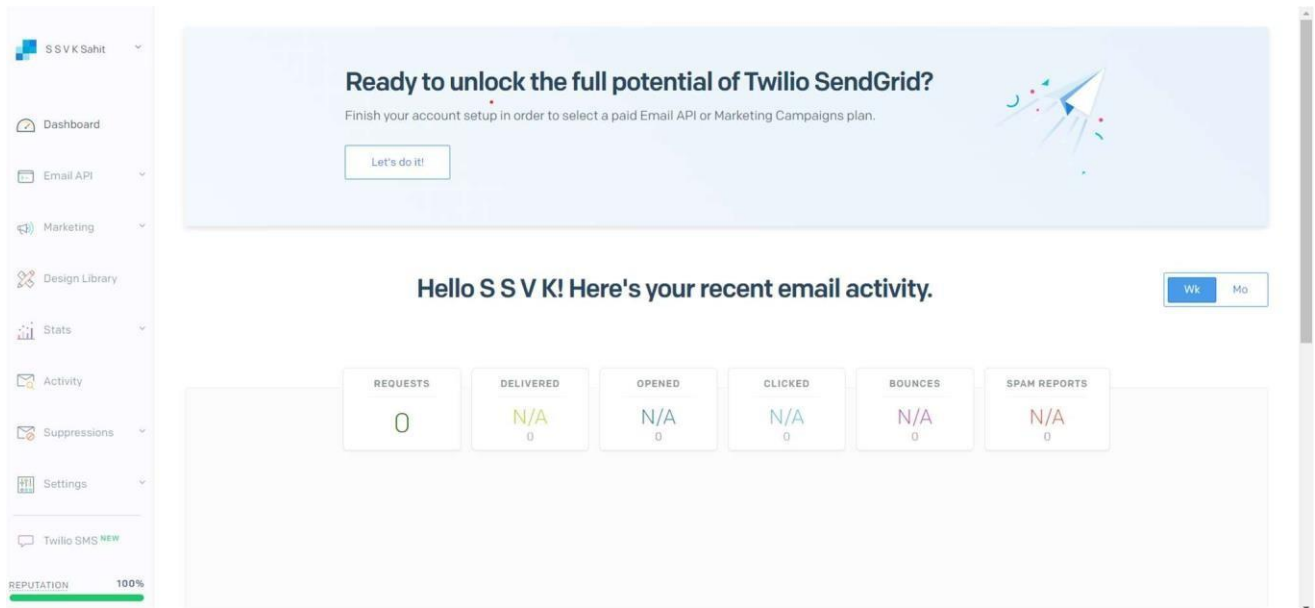
Back

Export to CSV

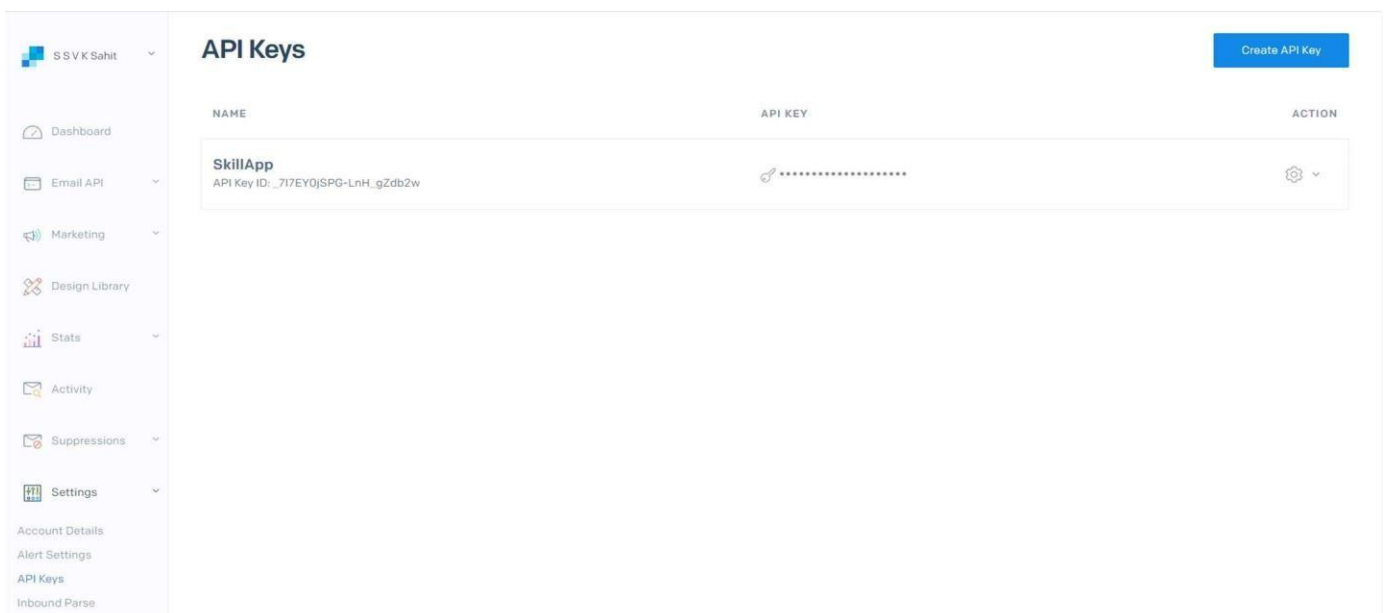
NAME	FNAME	GENDER	EID	ADDRESS	TENTHMARK	TWELTHMARK	DEC_CGPA	AADHAR	DOMAIN
pradeep	r	on	pradeepnarayaniyappan@gmail.com	no 6	5	5	6	545457	gggg
pradeep	r	on	pradeepnarayaniyappan@gmail.com	no 6	5	5	6	545457	gggg

## Sendgrid integration :

### Creating account in sendgrid:

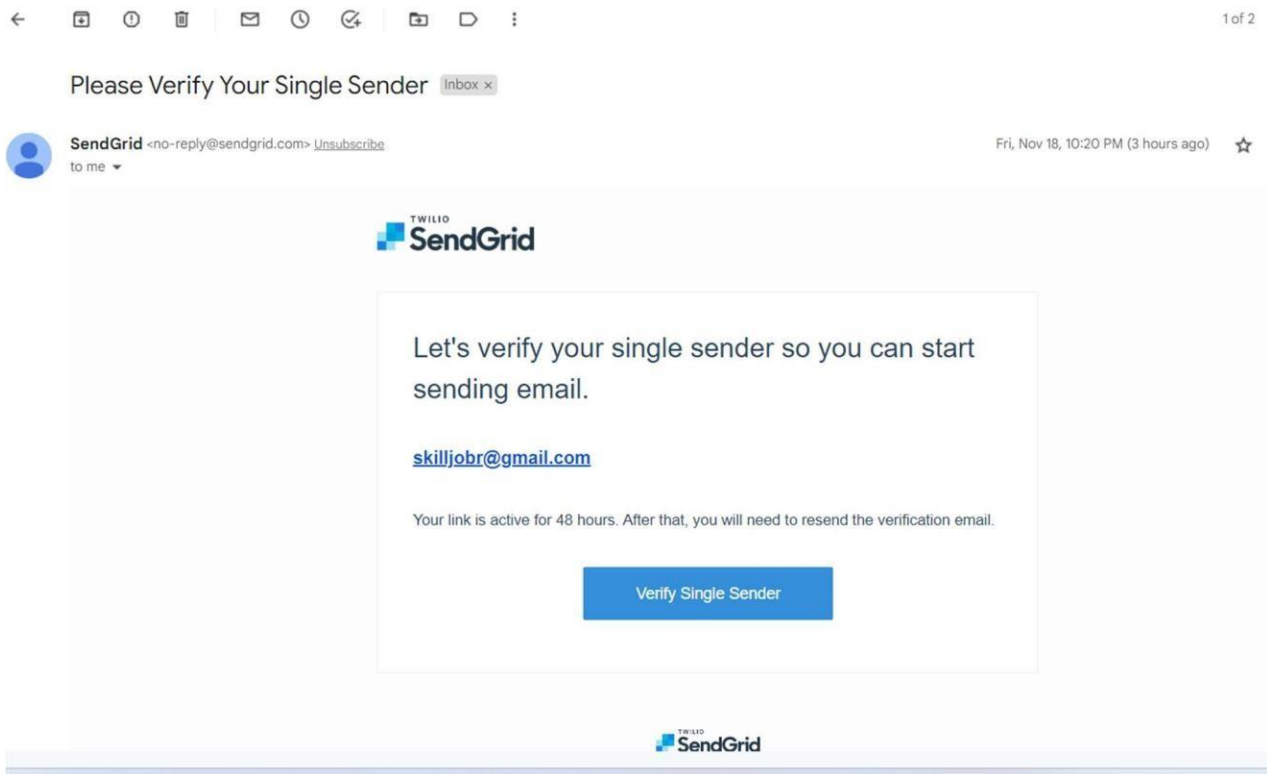


### API link Creation to integrate with python:



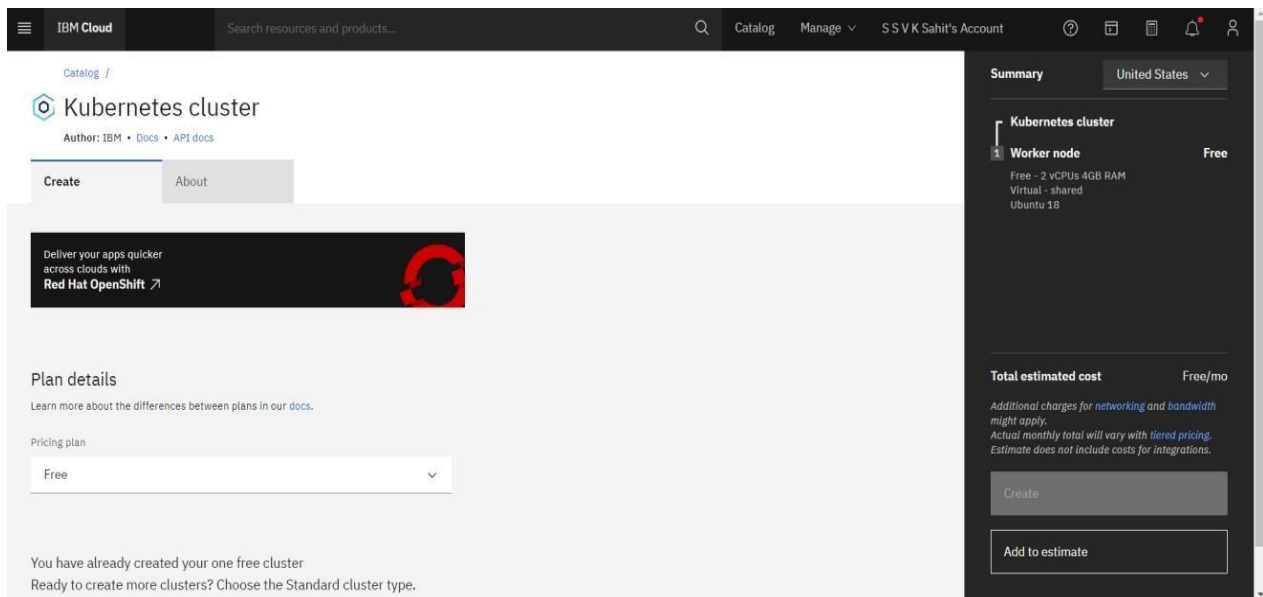
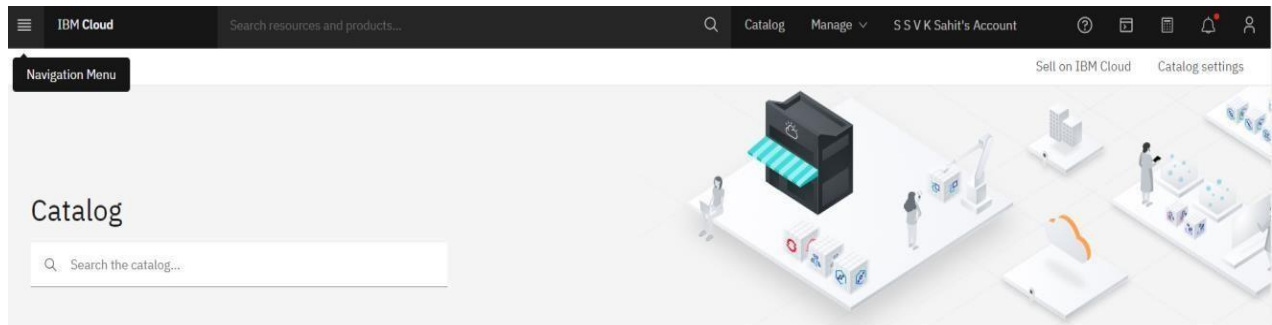
## OUTPUT:

### Verification mail from sendgrid:



# Deployment in Kubernetes Cluster

## Creating a Kubernetes cluster:



## ADDING FILES IN CLUSTER:

IBM Cloud

Search resources and products...

Q

Catalog

Manage

S S V K Sahit's Account

?

Clusters / mycluster-free 

Preparing master, workers...

Expires in 30 days

 Add tags

Help 

Kubernetes dashboard

Actions...

Overview

Worker nodes

Worker pools

DevOps 

New

Expires in 30 days:

Be sure to back up your data, your cluster will be deleted in 30 days. To access the full capabilities of the service, try out a [standard cluster](#).

Node status

1 of 1

Pending

Details

Add-on status

Error

Unknown

Details

Master status

Deploying

Docs

Ingress status

Pending

Docs

Details

Cluster ID

cdzvhnef83iubn4ah1g8

Version

1.24.8\_1544

Infrastructure

Classic

Zones

Milan 01

Created

11/19/2022, 2:57 AM

Resource group

Image security enforcement

Enable

## OUTPUT:

IBM Cloud

Search resources and products...

Q

Catalog

Manage

S S V K Sahit's Account

?

Clusters / mycluster-free 

Preparing master, workers...

Expires in 30 days

 Add tags

Help 

Kubernetes dashboard

Actions...

Overview

Worker nodes

Worker pools

DevOps 

New

Pool: Filter...

Search

Add

<input type="checkbox"/>	Name	Status	Worker pool	Zone	Private IP	Public IP	Version
<input type="checkbox"/>	0000003e	Provisioning - Master is deploying	default	Milan 01	10.144.222.242	159.122.181.80	--> 1.24.7_1543
<div><div>ID</div><div>kube-cdrvhnef83iubn4ah1g0-myclusterfr-default-0000003e</div><div><div>Status</div><div>Master is deploying</div><div><div>Flavor</div><div>Free - 2 vCPUs 4GB RAM</div><div><div>Private VLAN</div><div>2218181</div><div><div>Public VLAN</div><div>2218179</div></div></div></div></div></div>							

Items per page: 25

1-1 of 1 item

1

1 of 1 page



