

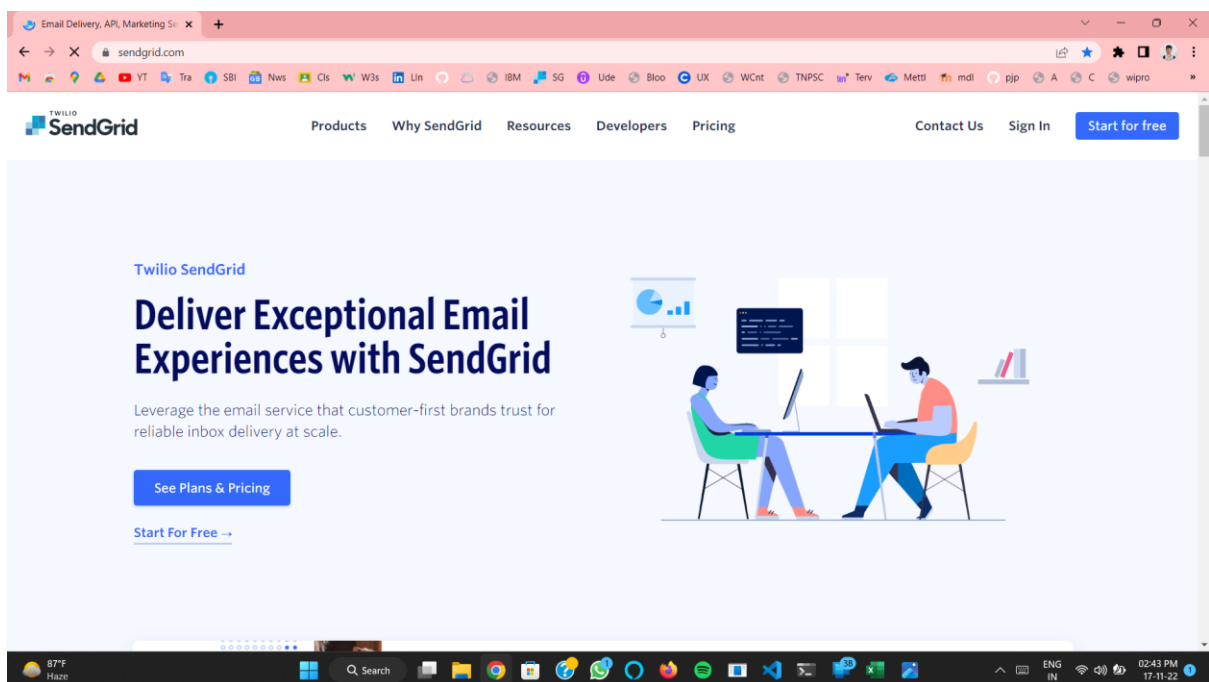
INTEGRATING SENDGRID SERVICE

SENDGRID INTEGRATION WITH PYTHON CODE

TEAM ID	PNT2022TMD41646
PROJECT NAME	SMART FASHION RECOMMENDER APPLICATION
TEAM MEMBERS	VELMANI J, MUKESH M, MURALIDHARAN M, ANAND K

1. Navigate to www.sendgrid.com

2. The webpage looks like :



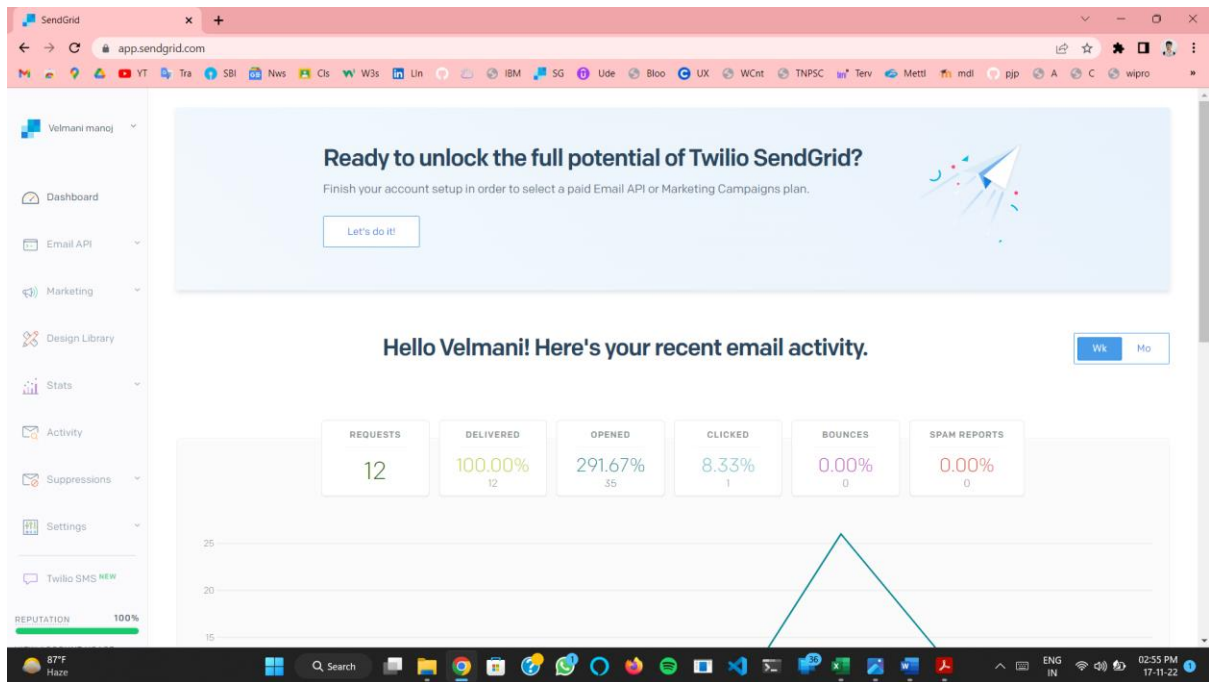
3. Click on start for free. Then give your details to create an account in sendgrid.

4. After the successful account creation the dashboard showed it's like the below:

5. User need to create an API key to generate API key Navigate settings→API Keys.

6. This page like follows :

1. Dashboard page



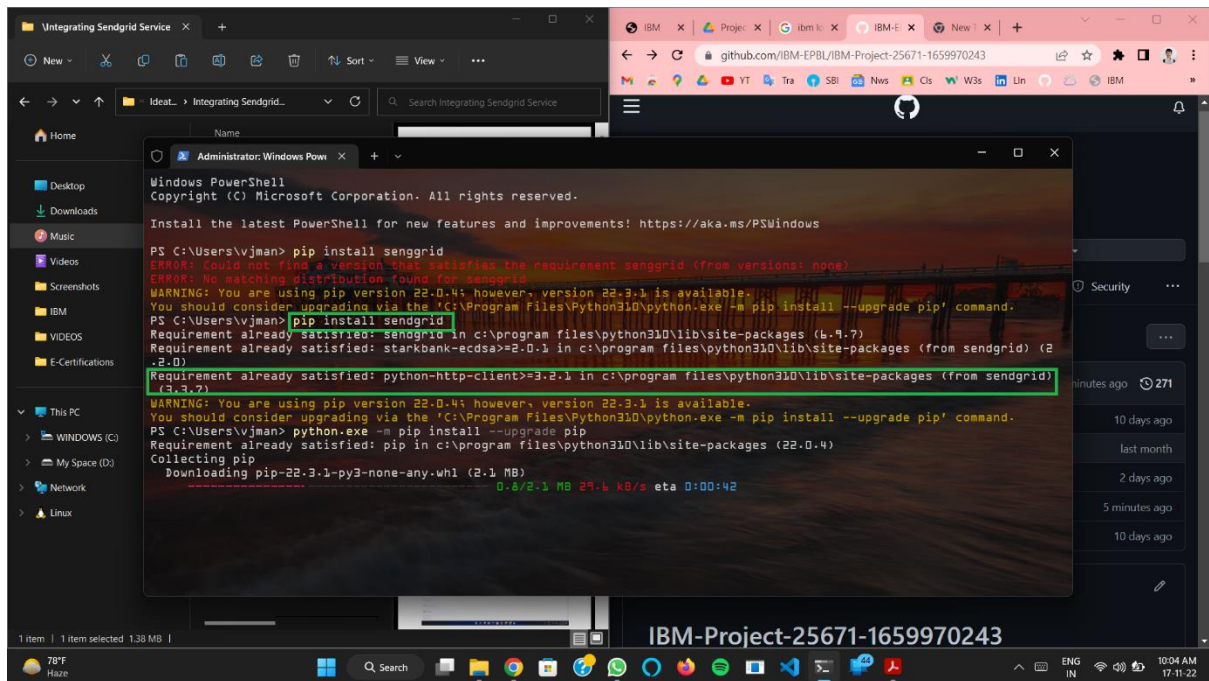
2. API Key generation :

The screenshot shows the 'API Keys' page in the SendGrid dashboard. A message at the top states: 'Before sending your first email, you'll need to create a sender identity. [Create a sender identity](#)'. A 'Create API Key' button is in the top right. Below is a table with one entry:

NAME	API KEY	ACTION
Fashion-home API Key ID: BVeMJeeCQvapVWfoXjclmw	*****	

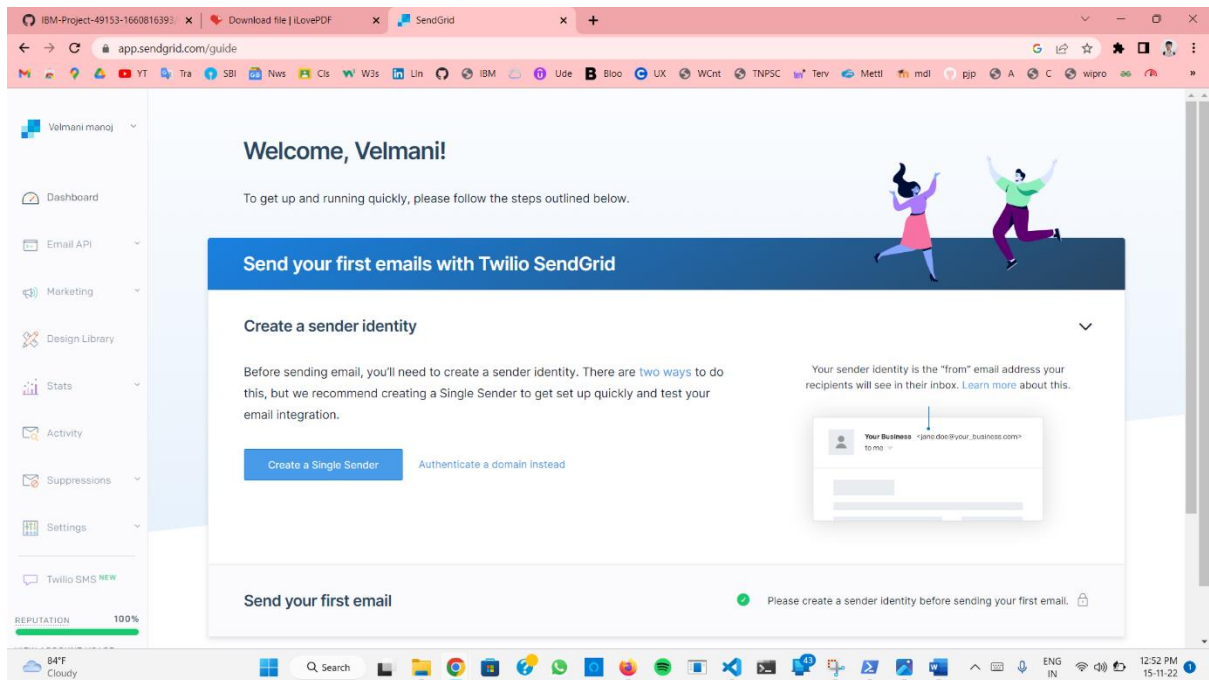
The bottom status bar shows the system clock as 12:14 PM on 15-11-22.

3. Sendgrid installation on POWERSHELL:



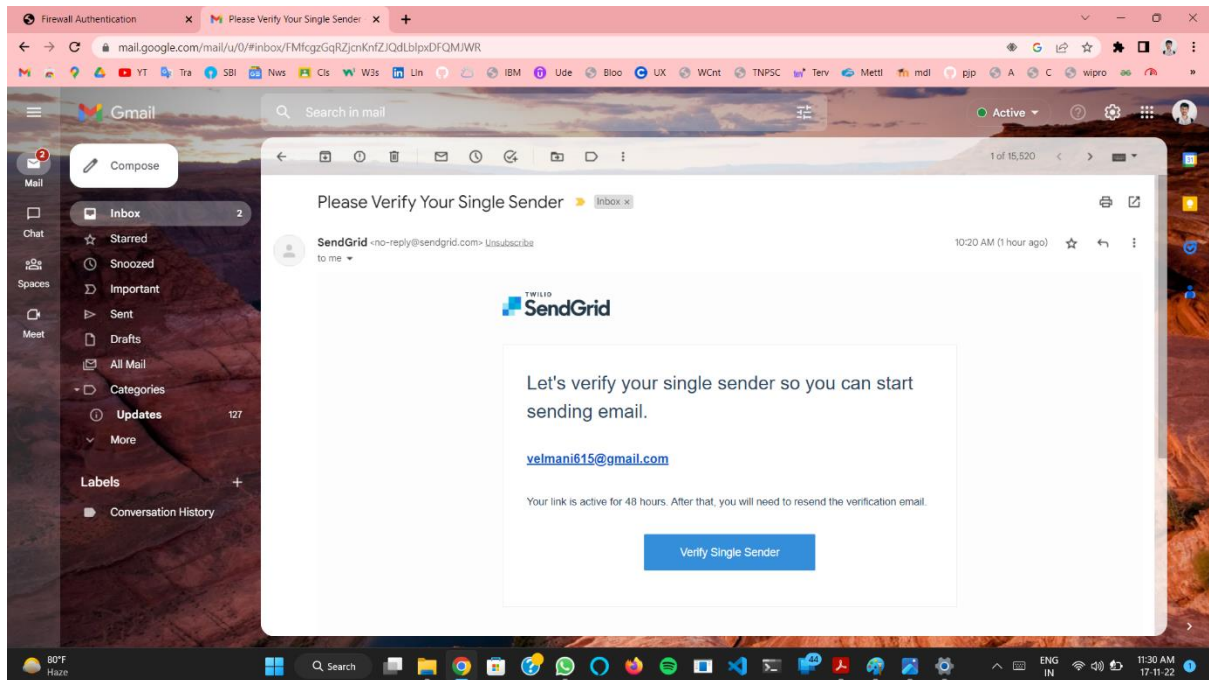
We already installed.

4. Single sender verification :

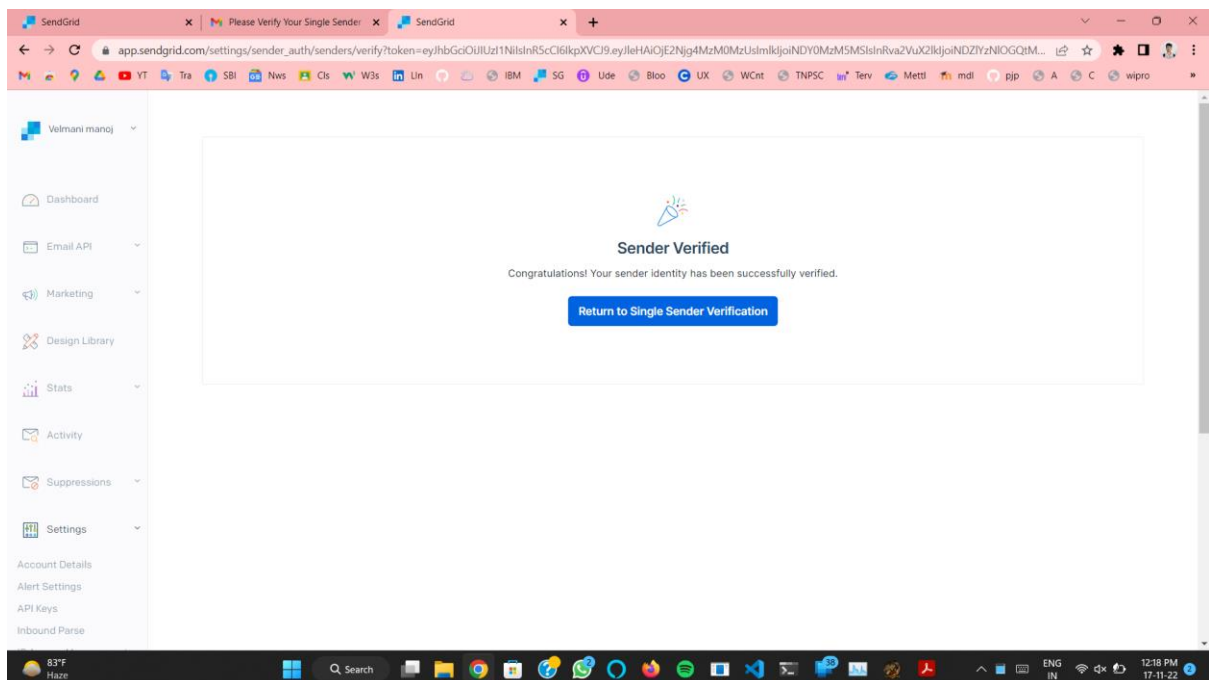


Click on create single sender, then follow the instructions on webpage .

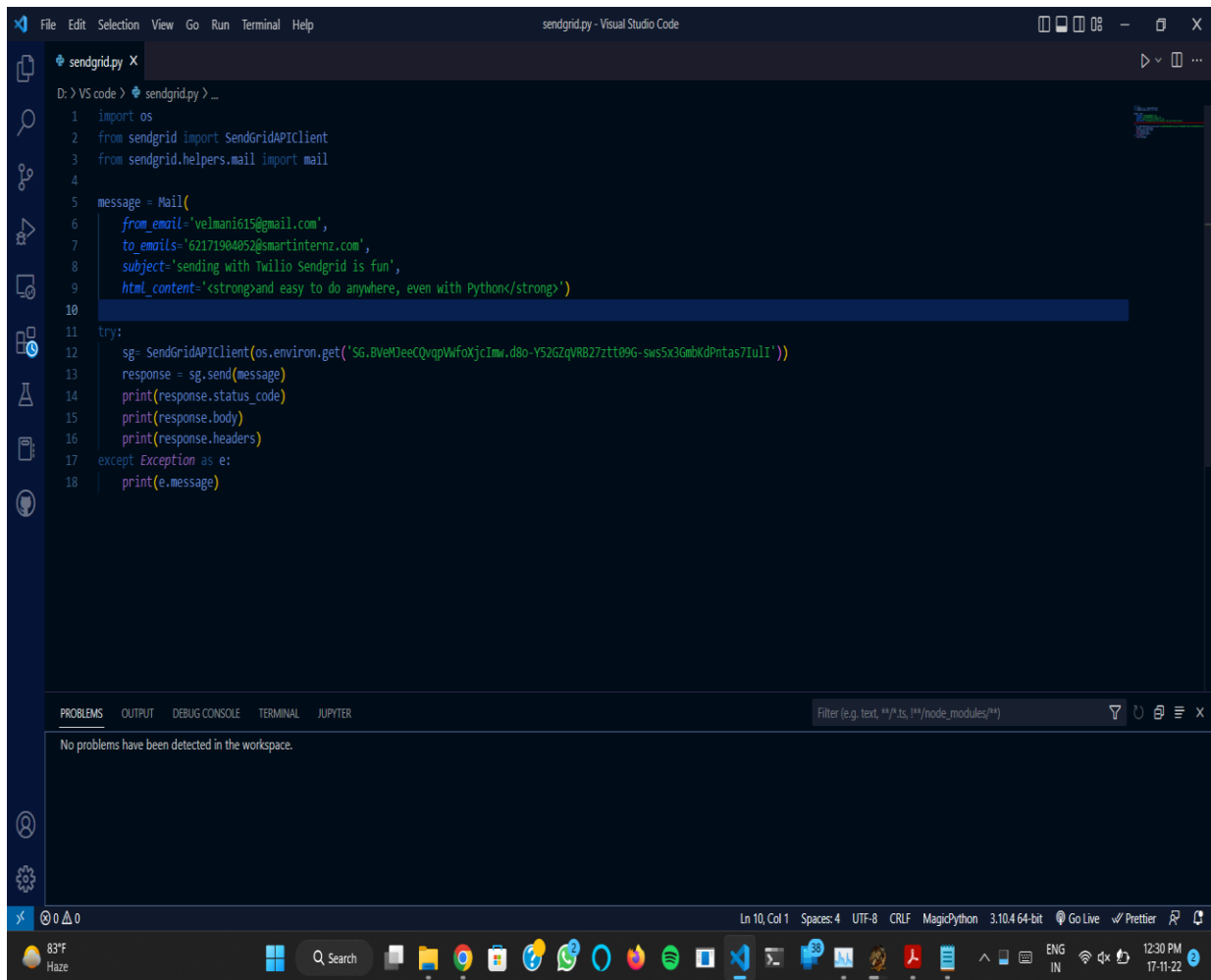
5. Verify the mail :



6. Verification completed :



SENDGRID INTEGRATION WITH PYTHON CODE



```
File Edit Selection View Go Run Terminal Help
sendgrid.py - Visual Studio Code
sendgrid.py X
D:\> VS code > sendgrid.py > ...
1 import os
2 from sendgrid import SendGridAPIClient
3 from sendgrid.helpers.mail import mail
4
5 message = Mail(
6     from_email='velmani615@gmail.com',
7     to_emails='62171904052@smartinternz.com',
8     subject='sending with Twilio Sendgrid is fun',
9     html_content='<strong>and easy to do anywhere, even with Python</strong>')
10
11 try:
12     sg = SendGridAPIClient(os.environ.get('SG.BVeHJeeCQvqpVwFoxjcImw.d8o-Y52GZqVRB27zt09G-sws5x3GmbKdPntas7IulI'))
13     response = sg.send(message)
14     print(response.status_code)
15     print(response.body)
16     print(response.headers)
17 except Exception as e:
18     print(e.message)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

Filter (e.g. text, **/*.ts, **/*.node_modules/**)

No problems have been detected in the workspace.

Ln 10, Col 1 Spaces: 4 UTF-8 CRLF MagicPython 3.10.4 64-bit Go Live Prettier

83°F Haze 12:30 PM 17-11-22