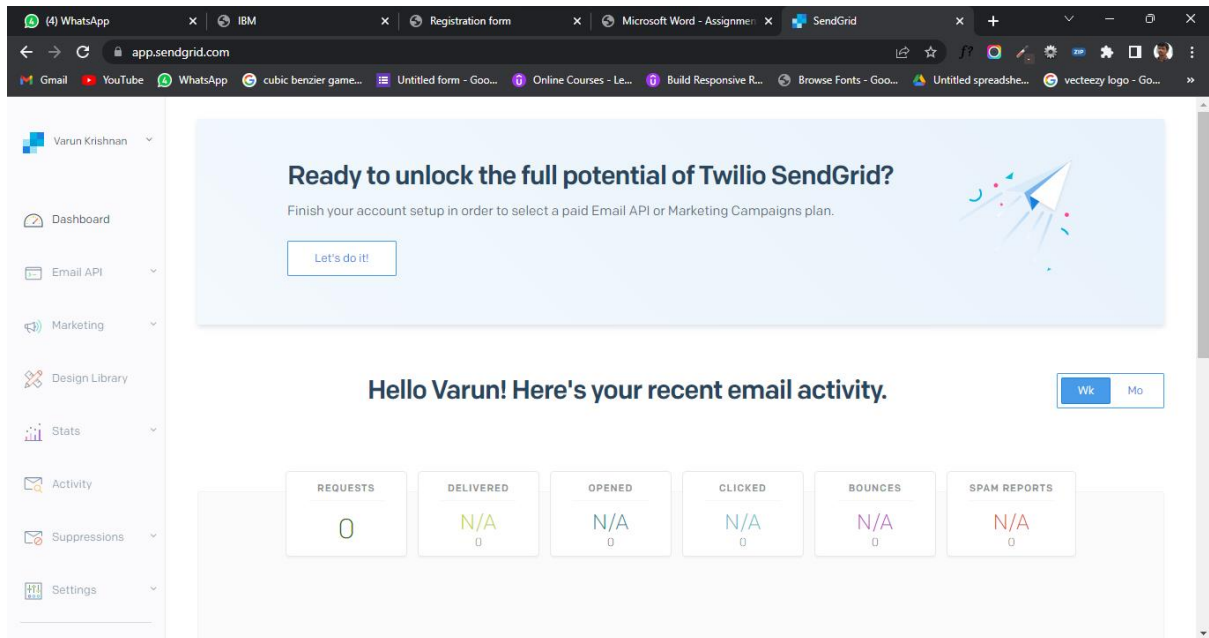
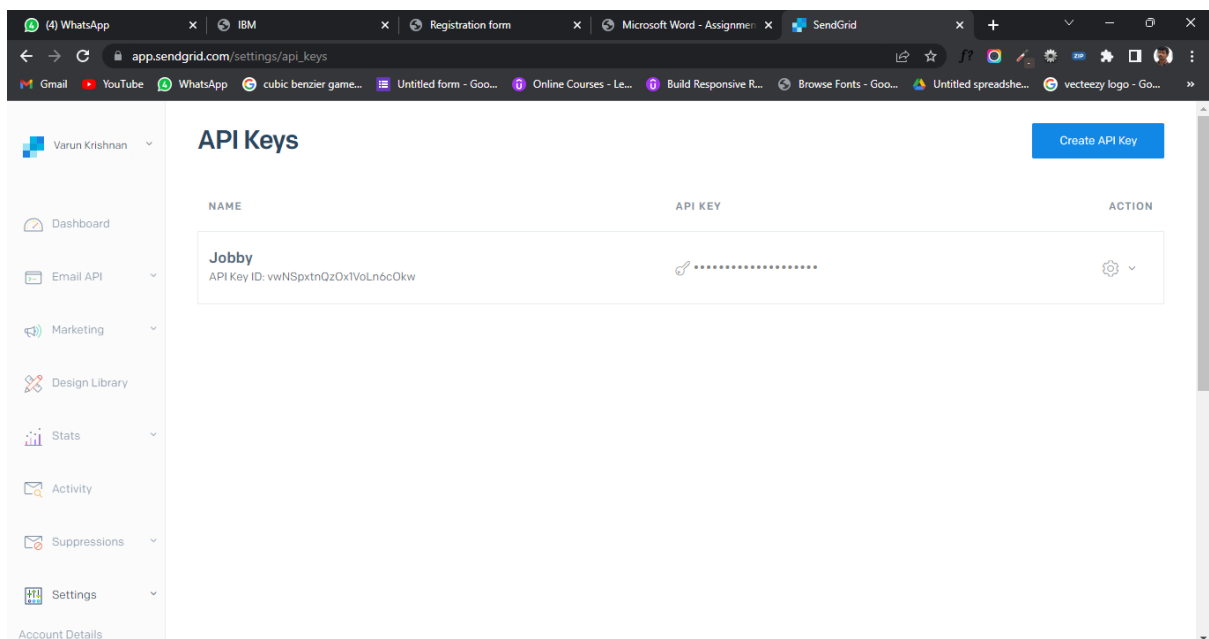


Sendgrid – Intergration

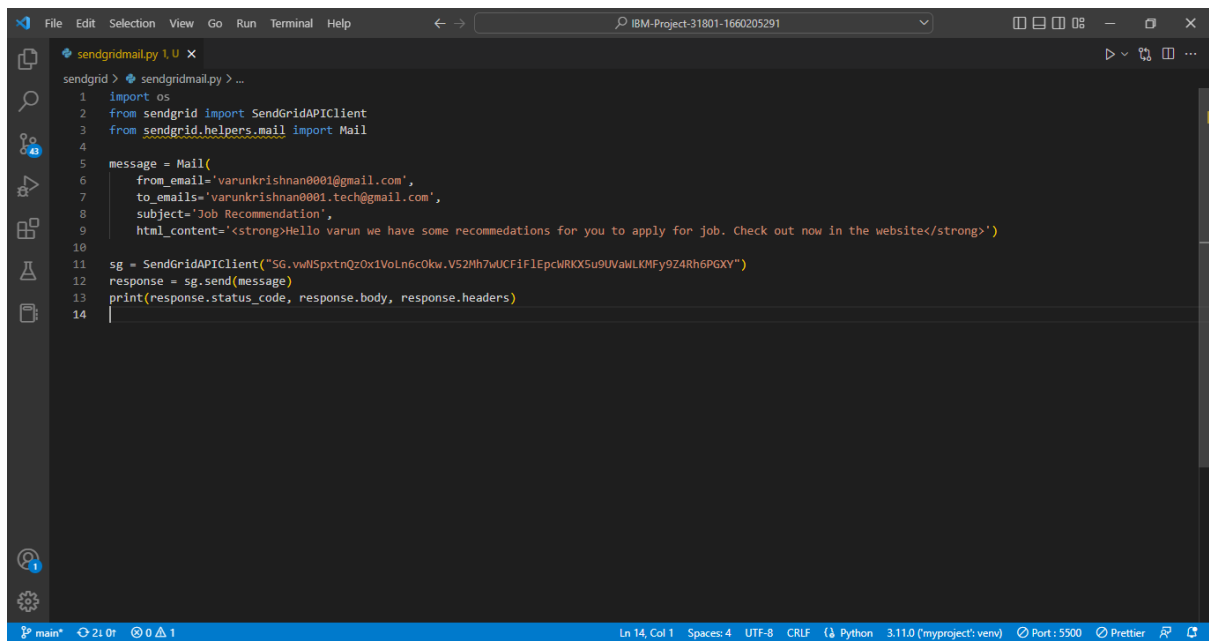
1. Sendgrid Account created



2. API Key generation



3. Connecting Sendgrid via Python using API

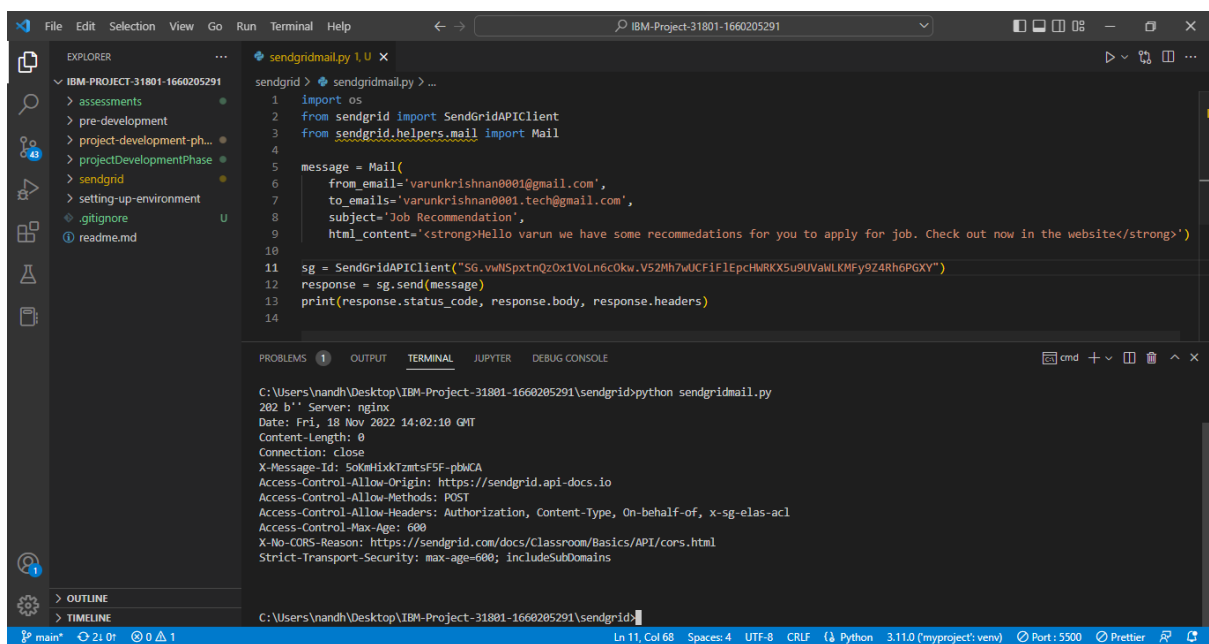


The screenshot shows a VS Code editor window with a file named `sendgridmail.py`. The code is as follows:

```
1 import os
2 from sendgrid import SendGridAPIClient
3 from sendgrid.helpers.mail import Mail
4
5 message = Mail(
6     from_email='varunkrishnan0001@gmail.com',
7     to_emails='varunkrishnan0001.tech@gmail.com',
8     subject='Job Recommendation',
9     html_content='<strong>Hello varun we have some recommendations for you to apply for job. Check out now in the website</strong>')
10
11 sg = SendGridAPIClient("SG.vwN5pXtnQz0x1VoLn6c0kw.V52Hh7wUCF1f1EpcHwRX5u9UVaWlKMfy9Z4Rh6PGXY")
12 response = sg.send(message)
13 print(response.status_code, response.body, response.headers)
14
```

The status bar at the bottom indicates the file is at line 14, column 1, with 4 spaces, UTF-8 encoding, CRLF line endings, and is using Python 3.11.0 from a virtual environment. The port 5500 is also shown.

4. Sending mail



The screenshot shows the same VS Code editor window as before, but now with the `sendgridmail.py` file open. The code is the same as in the previous screenshot. The terminal output is as follows:

```
C:\Users\nandh\Desktop\IBM-Project-31801-1660205291\sendgrid>python sendgridmail.py
202 b'' Server: nginx
Date: Fri, 18 Nov 2022 14:02:10 GMT
Content-Length: 0
Connection: close
X-Message-Id: 5oKmHixK7zmtsFSF-pbWICA
Access-Control-Allow-Origin: https://sendgrid.api-docs.io
Access-Control-Allow-Methods: POST
Access-Control-Allow-Headers: Authorization, Content-Type, On-behalf-of, x-sg-elas-acl
Access-Control-Max-Age: 600
X-No-CORS-Reason: https://sendgrid.com/docs/Classroom/Basics/API/cors.html
Strict-Transport-Security: max-age=600; includeSubDomains
```

The status bar at the bottom indicates the file is at line 11, column 68, with 4 spaces, UTF-8 encoding, CRLF line endings, and is using Python 3.11.0 from a virtual environment. The port 5500 is also shown.

5. Mail received

