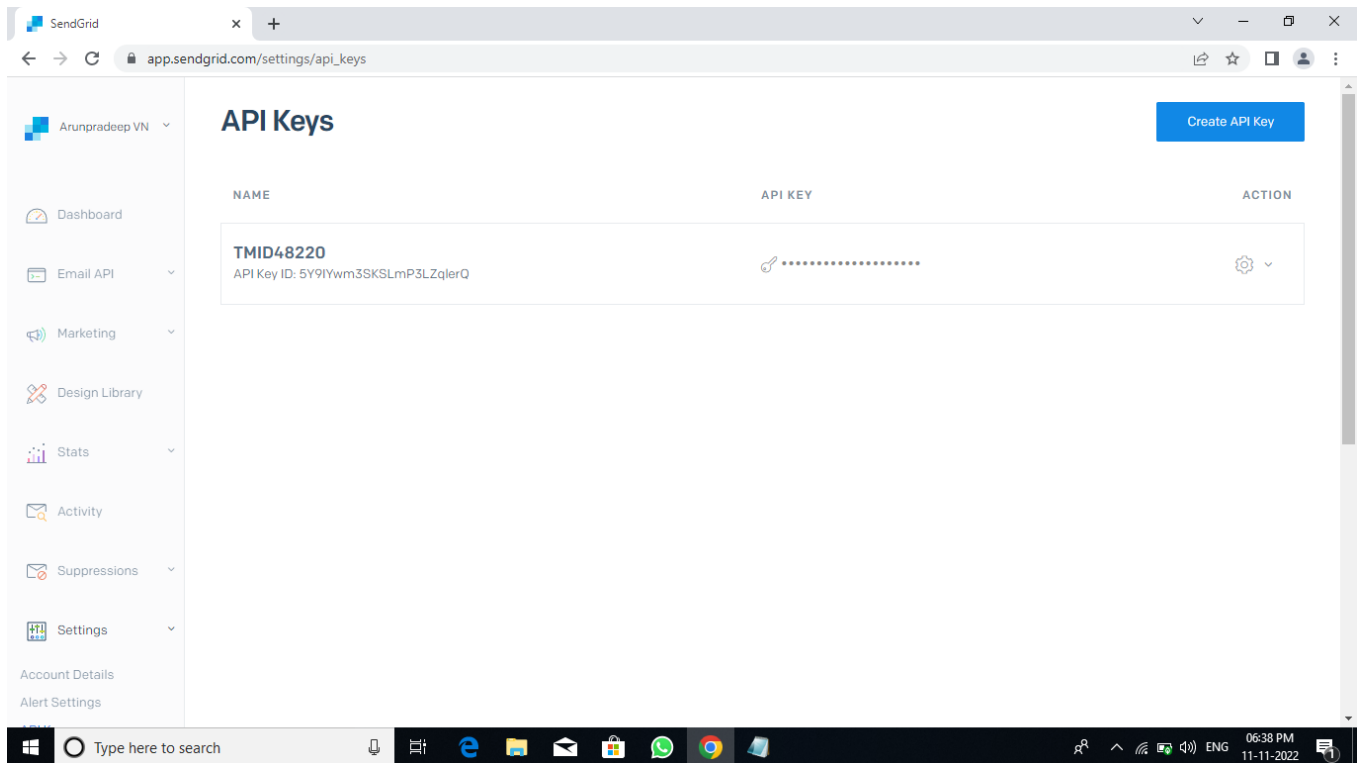


Integrating SendGrid Service

SendGrid Integration with Python Code

Date	2 nd November 2022
Team ID	PNT2022TMID48220
Project Name	Inventory Management System for Retailers

Creating an API Key



Running the python file through the terminal

```
File Edit Selection View Go Run Terminal Help
demo.py - Visual Studio Code

demo.py 6 X
C:\Users\muges > Desktop > demo.py > ...
1 import sendgrid
2 import os
3 from sendgrid.helpers.mail import *
4 sg = sendgrid.SendGridAPIClient(api_key = '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')
5 from_email = Email("arunpradeepvn@gmail.com")
6 to_email = Email("mkannan2104@gmail.com")
7 subject = "Sending with SendGrid"
8 content = Content("text/plain", "PNT2022TMID48220\nTeam Members\n1. Mugesh Kannan\n2. Arunpradeep\n3. Regubalan\n4. Mathan Kumar")
9 mail = Mail(from_email, to_email, subject, content)
10 response = sg.client.mail.send.post(request_body = mail.get())
11 print(response.status_code)
12 print(response.body)
13 print(response.headers)
14

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER
PS C:\Users\muges> python -u "c:\Users\muges\Desktop\demo.py"
202
b''
Server: nginx
Date: Sat, 12 Nov 2022 04:51:57 GMT
Content-Length: 0
Connection: close
X-Message-Id: x9ee4EXzQt6ckuNCZJ8SHA
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

PS C:\Users\muges>
```

Test mail received via SendGrid

