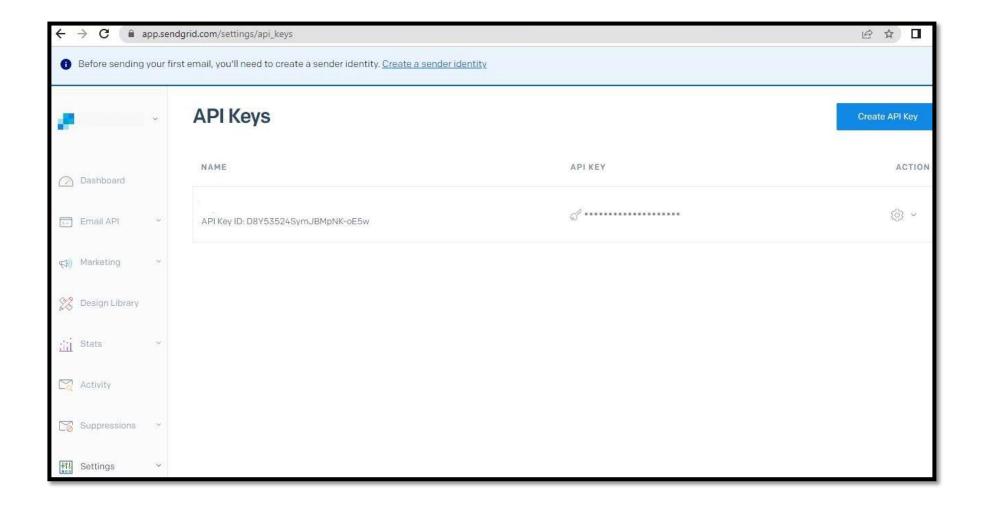
## Integrating SendGrid Service SendGrid Integration With Python Code

Team ID	PNT2022TMID00941
Project Name	Nutrition Assistant Application

## **Creating an API Key**



## Creating a Virtual Environment "Email Test" and creating mail.py file with the following code inside the virtual environment

```
import sendgrid
import os
from sendgrid.helpers.mail import *

sg = sendgrid.SendGridAPIClient(api_key= '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' )
from_email = Email("arivananthapandian16@gmail.com")
to_email = To("arivananthapandian16@gmail.com")
subject = "test mail"
content = Content("text/plain", "and easy to do anywhere, even with Python")
mail = Mail(from_email, to_email, subject, content)
response = sg.client.mail.send.post(request_body=mail.get())
print(response.status_code)
print(response.body)
print(response.headers)
```

## Test mail received via SendGrid

