

# SENDGRID INTEGRATION WITH PYTHON CODE

Date	18 November 2022
Team ID	PNT2022TMID25562
Project Name	Inventory Management System For Retailer

Twilio SendGrid

## Let's Get Started

Sign up for free. No credit card required.

Email Address \*  
mail2vikashini2000@gmail.com

☒ Use email address as username

Password \*  
.....

Must have at least 16 characters.

☐ I'm not a robot

reCAPTCHA  
Privacy - Terms

☐ I accept the [Terms of Service](#) and have read the [Privacy Notice](#)

### Try it out!

Send email for free.

- ✓ Automated drip campaigns
- ✓ Password resets
- ✓ Newsletters
- ✓ Receipts
- ✓ Delivery notifications and updates
- ✓ Promoted emails

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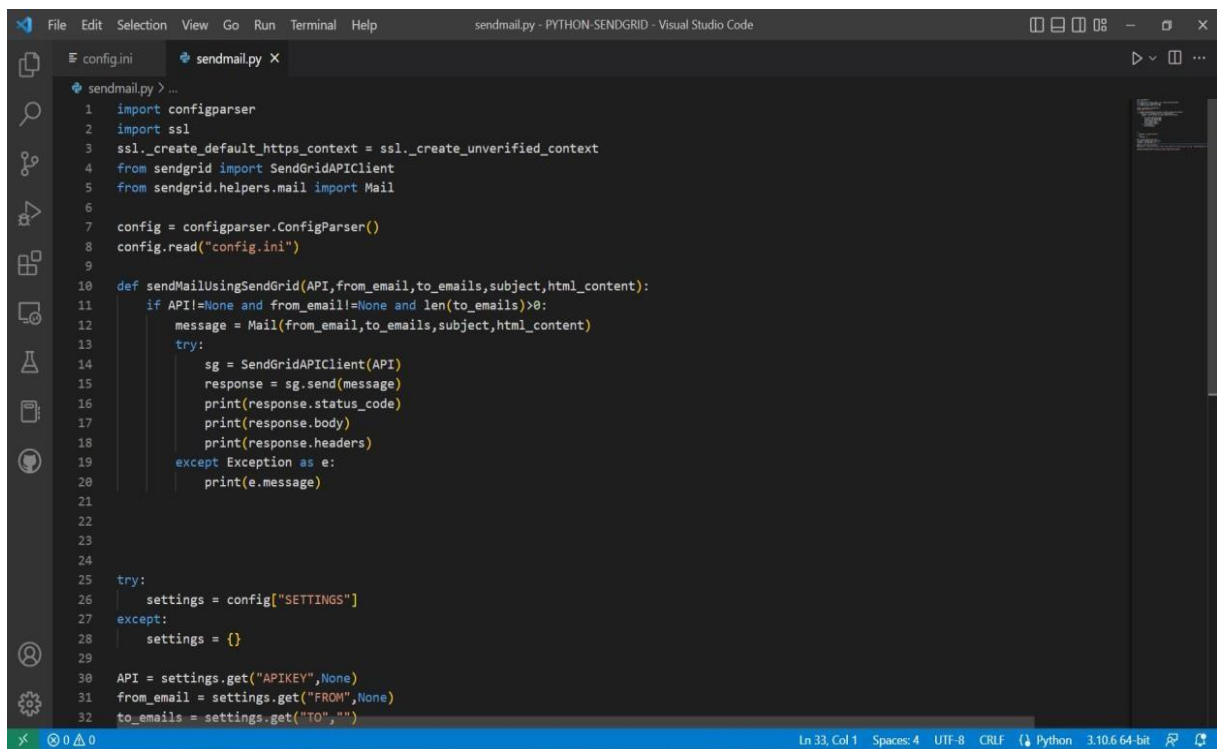
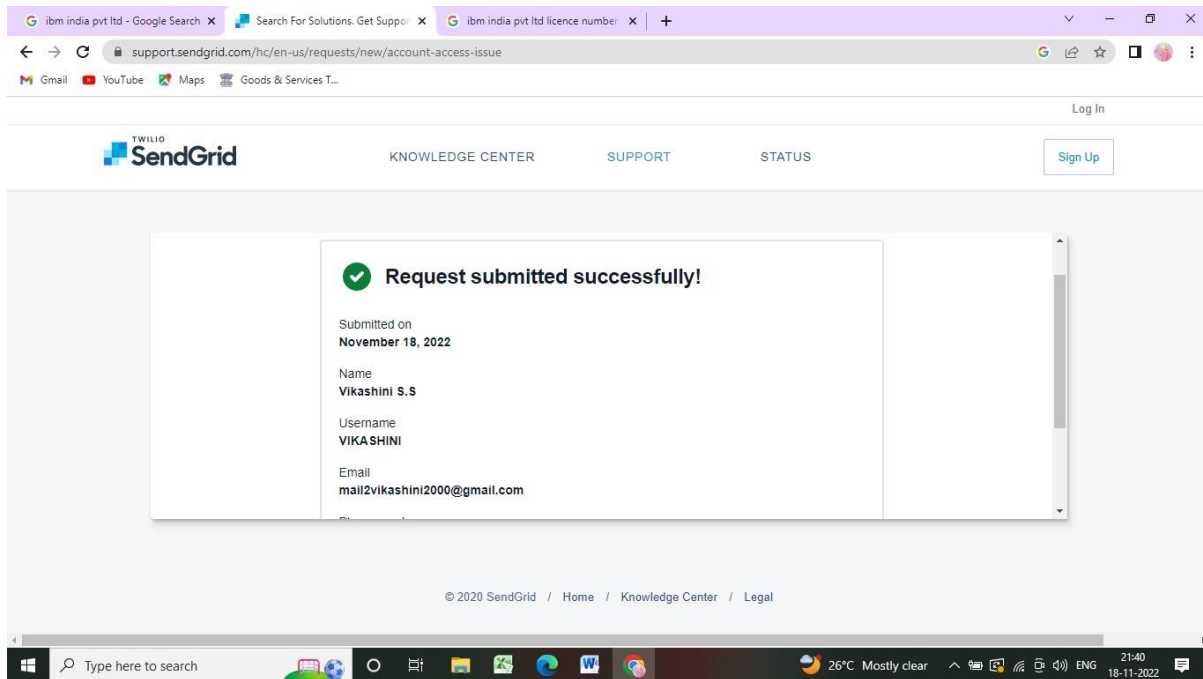
Twilio SendGrid

## Please provide further information

You will not be able to send email through SendGrid until you provide more information. Please contact Support to answer a few more questions.

[Contact Support](#)

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The image shows a Visual Studio Code editor window with a Python script named `sendmail.py` and a terminal window below it.

**Python Script (`sendmail.py`):**

```
1 import configparser
2 import ssl
3 ssl._create_default_https_context = ssl._create_unverified_context
4 from sendgrid import SendGridAPIClient
5 from sendgrid.helpers.mail import Mail
6
7 config = configparser.ConfigParser()
8 config.read("config.ini")
9
10 def sendMailUsingSendGrid(API,from_email,to_emails,subject,html_content):
11     if API==None and from_email!=None and len(to_emails)>0:
12         message = Mail(from_email,to_emails,subject,html_content)
13         try:
14             sg = SendGridAPIClient(API)
```

**Terminal Output:**

```
PS D:\PYTHON-SENDGRID> python -u "d:\PYTHON-SENDGRID\sendmail.py"
202
b''
Server: nginx
Date: Tue, 15 Nov 2022 06:39:33 GMT
Content-Length: 0
Connection: close
X-Message-Id: N7rE1ChDR7e0DNcoiu0ImA
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 D:\PYTHON-SENDGRID>
```

The status bar at the bottom indicates the file is at line 33, column 1, using UTF-8 encoding with CRLF line endings, and the Python interpreter is 3.10.6 64-bit.