

Integrating SendGrid Service
SendGrid Integration With Python Code

Date	11 November 2022
Team ID	PNT2022TMID48213
Project Name	Skill/Job Recommender Application

Creating an API Key

app.sendgrid.com/setting

Before sending your first email, you'll need to create a sender identity. [Create a sender identity.](#)

Nooriya Begam

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Sender Authentication

Abuser Management

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Tracking

Two-Factor Authentication

Twilio SMS NEW

EXPIRATION 100%

NEW ACCOUNT USAGE

API Keys

Create API Key

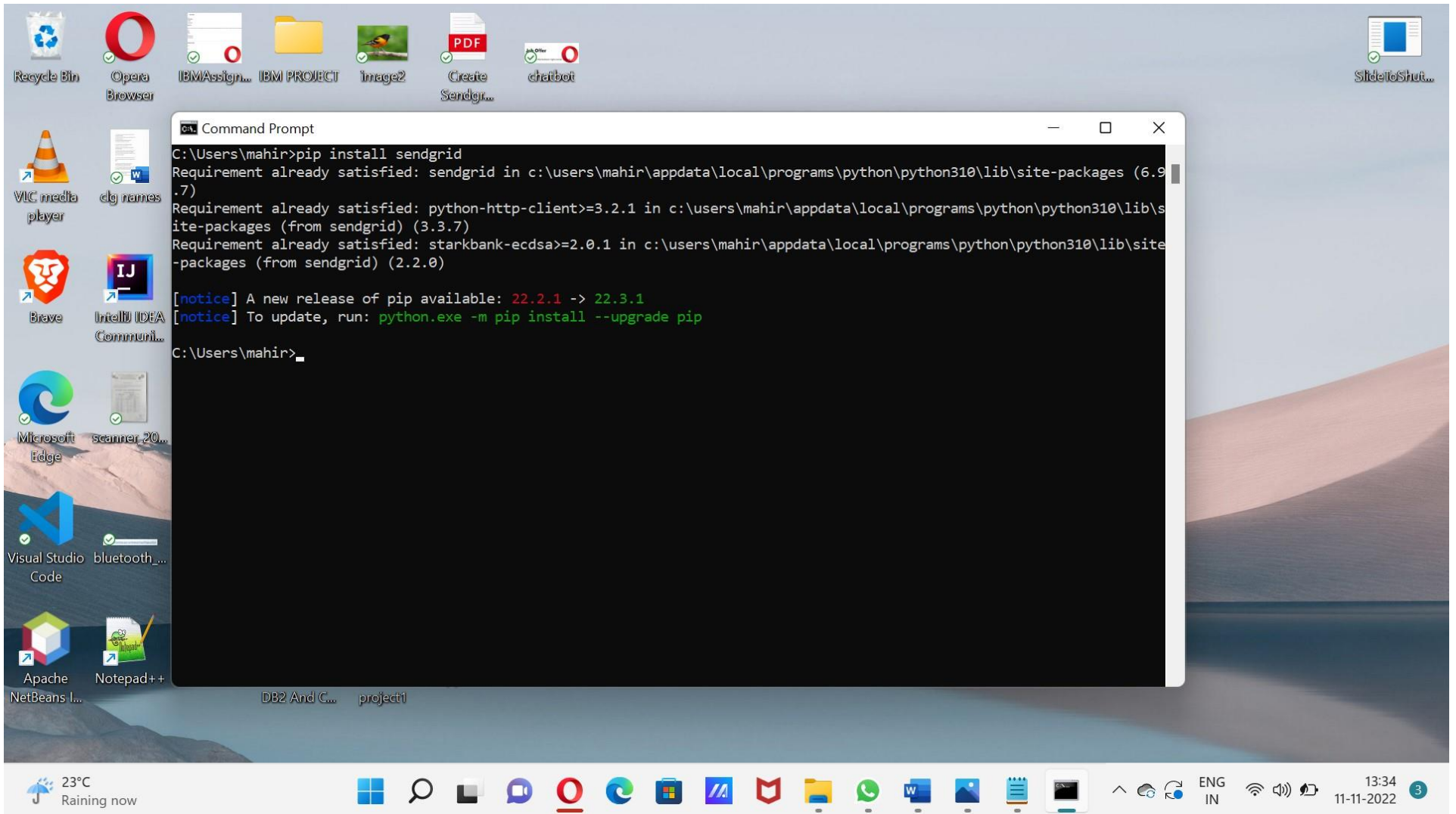
NAME	API KEY	ACTION
Skill /Job Recommended Application API Key ID: rUEhQtXrRCWUJzhlPaNmCQ	

Creating a Virtual Environment “Integrating SendGrid Service” and creating demo.py file with the following code inside the virtual environment

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

sg = sendgrid.SendGridAPIClient(api_key= 'SG.rUEnOtxrRCWUJzhIPaNmcQ.hTQ--
4DXBuEInG6wcF9ET8_jy6zcs_fJiDraN2e3vq8' )
from_email = Email("mnooriya2201@gmail.com")
to_email = To("19cs018@syedengg.co.in") subject
= "Sending with SendGrid is Fun"
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)
```

Running the python file through the terminal



Command Prompt

```
C:\Users\mahir>pip install sendgrid
Requirement already satisfied: sendgrid in c:\users\mahir\appdata\local\programs\python\python310\lib\site-packages (6.9.7)
Requirement already satisfied: python-http-client>=3.2.1 in c:\users\mahir\appdata\local\programs\python\python310\lib\site-packages (from sendgrid) (3.3.7)
Requirement already satisfied: starkbank-ecdsa>=2.0.1 in c:\users\mahir\appdata\local\programs\python\python310\lib\site-packages (from sendgrid) (2.2.0)

[notice] A new release of pip available: 22.2.1 -> 22.3.1
[notice] To update, run: python.exe -m pip install --upgrade pip

C:\Users\mahir>
```



Sending with SendGrid

External



Inbox



mnooriya2201@g... 11:47 am
to me ^



From mnooriya2201@gmail.com
To 19cs018@syedengg.co.in
Date 12 Nov 2022, 11:47 am
 Standard encryption (TLS).
[See security details](#)

and easy to do anywhere, even with python

Reply

Reply all

Forward



99+



