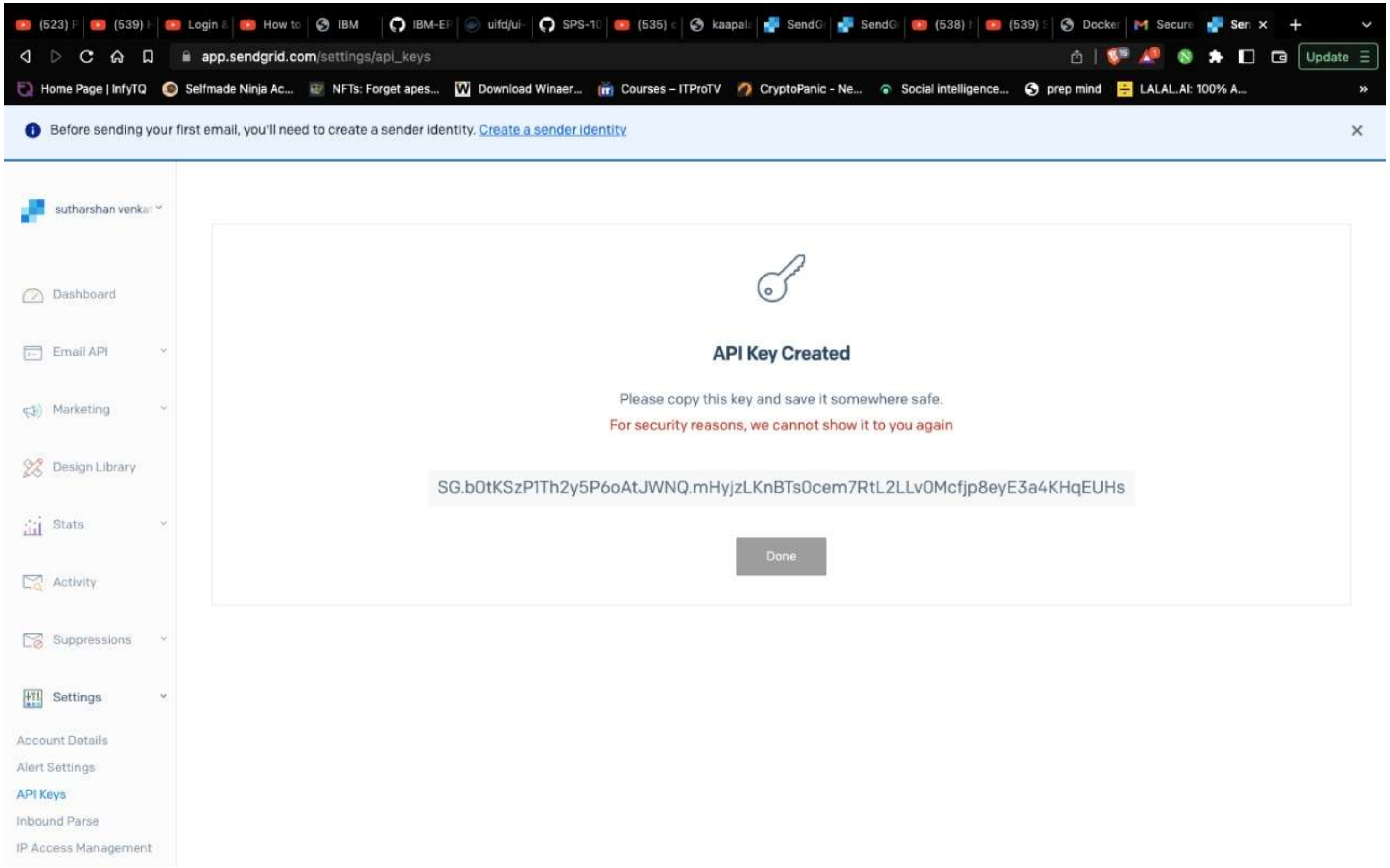
INTEGRATING SENDGRID SERVICE

Create An Account Sendgrid Integration With Python Code

Date	14 Novermber 2022
Team ID	PNT2022TMID37165
Project Name	CONTAINMENT ZONE ALERTING

Sendgrid Integration With Python Code:



app.sendgrid.com/settings/api_keys

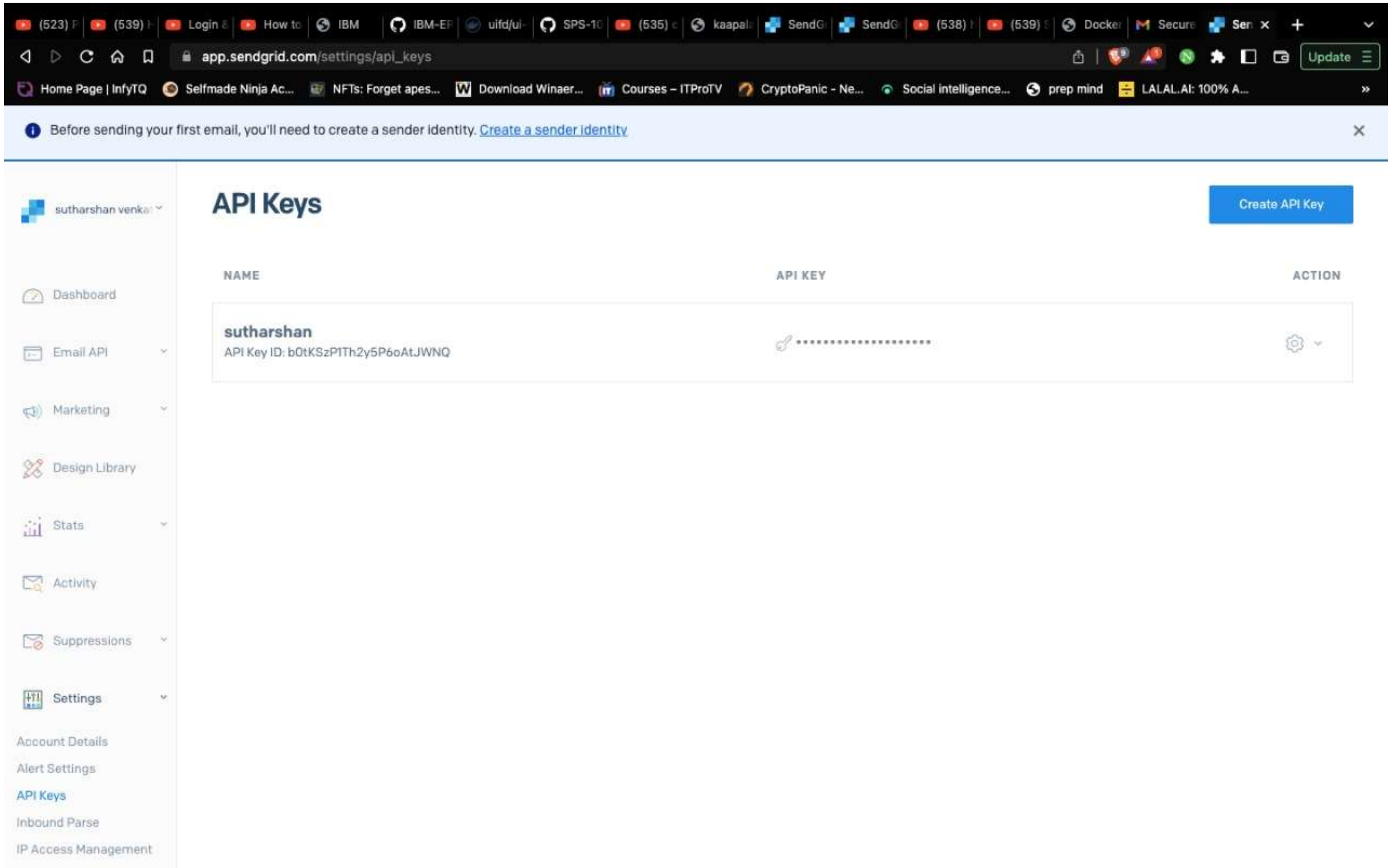
Before sending your first email, you'll need to create a sender identity. Create a sender identity

API Key Created

Please copy this key and save it somewhere safe.

For security reasons, we cannot show it to you again

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



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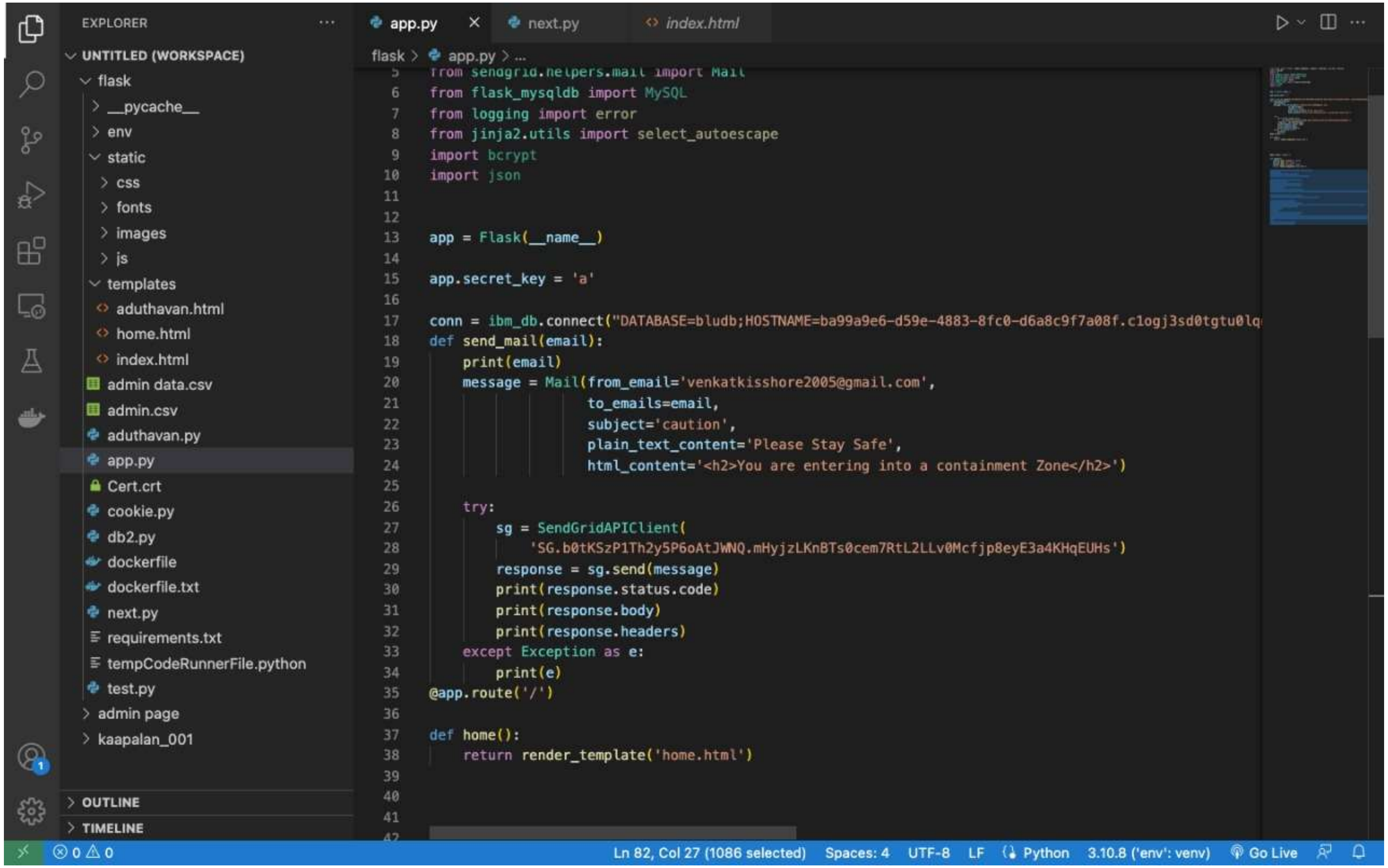
API Keys

NAME	API KEY	ACTION
sutharshan API Key ID: b0tKSzP1Th2y5P6oAtJWNQ	••••••••••••••••••••	



```python
from sendgrid.helpers.mail import Mail
from flask_mysqldb import MySQL
from logging import error
from jinja2.utils import select_autoescape
import bcrypt
import json


app = Flask(__name__)

app.secret_key = 'a'

conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=ba99a9e6-d59e-4883-8fc0-d6a8c9f7a08f.clogj3sd0tgtu0lq
def send_mail(email):
    print(email)
    message = Mail(from_email='venkatkisshore2005@gmail.com',
                   to_emails=email,
                   subject='caution',
                   plain_text_content='Please Stay Safe',
                   html_content='<h2>You are entering into a containment Zone</h2>')

    try:
        sg = SendGridAPIClient(
            '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')
        response = sg.send(message)
        print(response.status.code)
        print(response.body)
        print(response.headers)
    except Exception as e:
        print(e)
@app.route('/')

def home():
    return render_template('home.html')
```