SendGrid Integration with Python Code
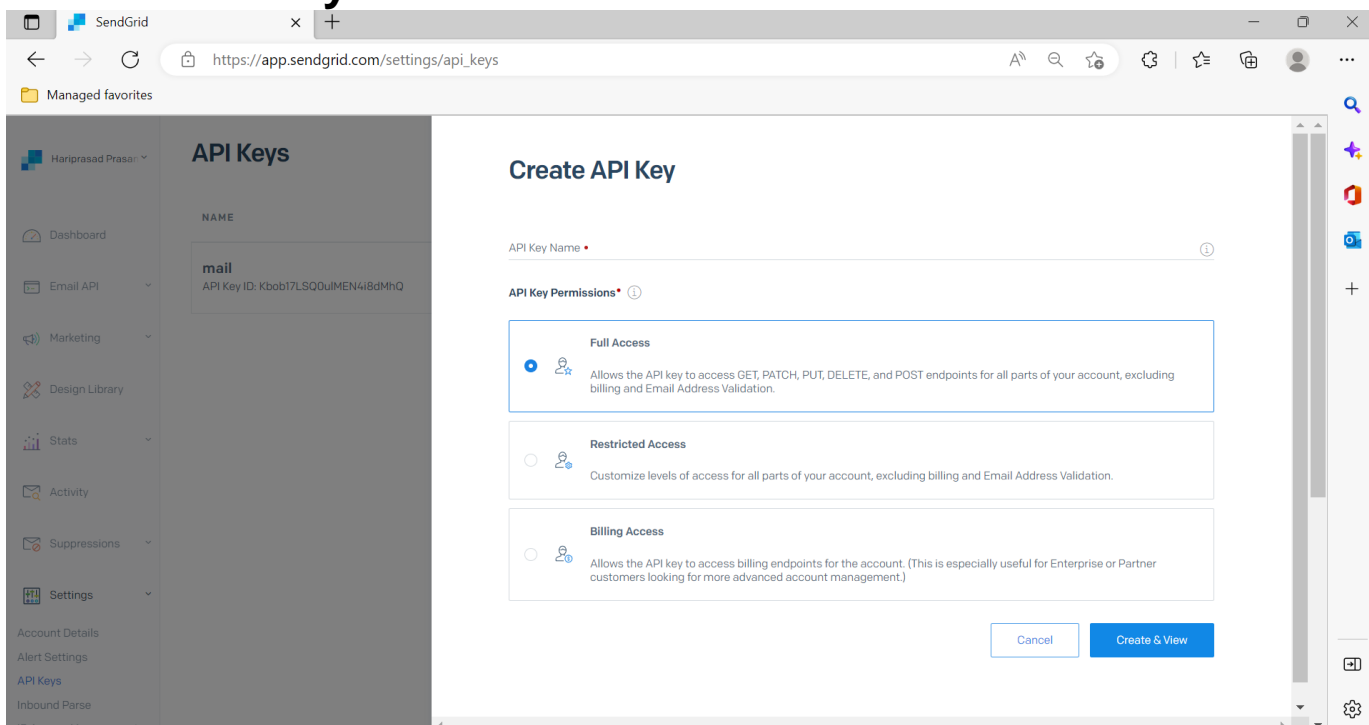
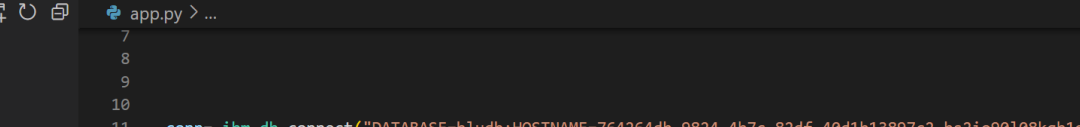## Install SendGrid:

Create API Key:

Python Code:

```python
donor_list = []
for i in listt:
    donor_list.append(i["EMAIL"])

try:
    msg = Message('Urgent!! Plasma needed!!', recipients=donor_list)

    content = "This email is sent from Plasma Donor Application! \n"+"Request for plasma was made by: \n"+"Nar

    msg.body = content
    msg.html = f'<p>This email is sent from Plasma Donor Application!</p> \n <p>Request for plasma was made by
    mail.send(msg)
    print("mail successfully sent")
except Exception as e:
    print("error: ",e)
```

```
EXPLORER                    ···      Get Started      ≡ requirements.txt      app.py      ×

IBM_MA...                            app.py > ...
  > __pycache__                 7
  > static                      8
  > templates                   9
  .env                         10
  app.py                       11     conn= ibm_db.connect("DATABASE=bludb;HOSTNAME=764264db-9824-4b7c-82df-40d1b13897c2.bs2io90l08kqb1od8lcg.databases
  app.pyc                      12
  DigiCertGlobalRootC...       13     app = Flask(__name__)
  Dockerfile                   14
  requirements.txt             15     app.config['SECRET_KEY'] = 'top-secret!'
                               16     app.config['MAIL_SERVER'] = 'smtp.sendgrid.net'
                               17     app.config['MAIL_PORT'] = 587
                               18     app.config['MAIL_USE_TLS'] = True
                               19     app.config['MAIL_USERNAME'] = 'apikey'
                               20     app.config['MAIL_PASSWORD'] = os.environ.get('SENDGRID_API_KEY')
                               21     app.config['MAIL_DEFAULT_SENDER'] = os.environ.get('MAIL_DEFAULT_SENDER')
                               22     mail = Mail(app)
                               23
```

```
SENDGRID_API_KEY="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"
MAIL_DEFAULT_SENDER="hariprasadpcse2019@citchennai.net"
```