

Integrating SendGrid Service

SendGrid integration with python

Team Id : PNT2022TMID35190


Project Name : Skill / Job Recommender Application


1 . Create API key :


Create API Key

API Key Name •
Flask-Mail ⓘ

API Key Permissions • ⓘ

☒  **Full Access**
Allows the API key to access GET, PATCH, PUT, DELETE, and POST endpoints for all parts of your account, excluding billing and Email Address Validation.

☐  **Restricted Access**
Customize levels of access for all parts of your account, excluding billing and Email Address Validation.

☐  **Billing Access**
Allows the API key to access billing endpoints for the account. (This is especially useful for Enterprise or Partner customers looking for more advanced account management.)

2. Setting up flask application :

```
import os
from flask import Flask, render_template, request, redirect, url_for, flash
from flask_mail import Mail, Message
app = Flask(__name__)
app.config['SECRET_KEY'] = 'top-secret!'
app.config['MAIL_SERVER'] = 'smtp.sendgrid.net'
app.config['MAIL_PORT'] = 587
app.config['MAIL_USE_TLS'] = True
app.config['MAIL_USERNAME'] = 'apikey'
app.config['MAIL_PASSWORD'] = os.environ.get('SENDGRID_API_KEY')
app.config['MAIL_DEFAULT_SENDER'] = os.environ.get('MAIL_DEFAULT_SENDER')
mail = Mail(app)
```

```
@app.route("/")
def email():
    msg = Message('SendGrid Test Email',
recipients=['2k19cse052@kiot.ac.in'])
    msg.body = 'This is a test email!'
    msg.html = '<p>This is a test email!</p>'
    mail.send(msg)
    return render_template("login.html")
```