

Integrating SendGrid Service

SendGrid Integration With Python Code


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Team ID	PNT2022TMID11360
Project Name	Skill and Job Recommender Application


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.)

Cancel

Create & View

Setting up a 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
```

sendgrid.py

```
1 app.config['MAIL_USERNAME'] = 'apikey'
2 app.config['MAIL_PASSWORD'] = os.environ.get('SENDGRID_API_KEY')
3 app.config['MAIL_DEFAULT_SENDER'] = os.environ.get('MAIL_DEFAULT_SENDER')
4 mail = Mail(app)
5
6 @app.route("/")
7 def email():
8     msg = Message('sendgrid test mail', recipient=['slakshman664@gmail.com'])
9     msg.body = 'This is a test mail'
10    msg.html = '<p>This is a test mail!</p>'
11    mail.send(msg)
12    return render_template("login.html")
13
```