

## SendGrid integration with Python code

Date	29 October 2022
Team ID	PNT2022TMID33768
Project Name	Skill And Job Recommender

### Installing sendgrid package in python:

**Command :** pip install sendgrid

### Python code:

```
from sendgrid import SendGridAPIClient
from sendgrid.helpers.mail import Mail

message = Mail(
    from_email='insalattapriya@gmail.com',
    to_emails='gbvelan2002@gmail.com',
    subject='Sending with Twilio SendGrid is Fun',
    html_content='<strong>and easy to do anywhere, even with Python</strong>')

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)
```

# Output:

```
File Edit View Navigate Code Refactor Run Tools VCS Window Help IBMProject - sendemail.py
IBMProject sendemail.py
Project sendemail.py welcome.html app.py
Run: sendemail
E:\IBMProject\venv\Scripts\python.exe E:\IBMProject\sendemail.py
202
b''
Server: nginx
Date: Mon, 14 Nov 2022 14:35:32 GMT
Content-Length: 0
Connection: close
X-Message-Id: W9JJce7DTY6zC7dgDWzgYw
Access-Control-Allow-Origin: https://sendgrid.api-docs.io
Access-Control-Allow-Methods: POST
Access-Control-Allow-Headers: Authorization, Content-Type, On-behalf-of, x-sg-elas-acl
Access-Control-Max-Age: 600
X-No-CORS-Reason: https://sendgrid.com/docs/Classroom/Basics/API/cors.html
Strict-Transport-Security: max-age=600; includeSubDomains

Process finished with exit code 0
```

Sent Mail - insalattapriya x IBM localhost:5000/welcome x IBM Watson Service P x IBM Watson Assistant x Building chatbot and x SendGrid x

app.sendgrid.com/email\_activity?filters=""&isAndOperator=true&page=1

E-Ticketing Gmail Google FacultyPlus Tamilnadu Govt Job... Online recharge | E... Amazon.in: power b... Online Shopping In... Police Jobs 2017 20... deturl.com - downl... Beginner Typing Le...

Insalatta Priyadha

- Dashboard
- Email API
- Marketing
- Design Library
- Stats
- Activity
- Suppressions
- Settings
- Twilio SMS **NEW**

REPUTATION 100%

## Activity Feed

Timezone  
UTC+05:30 - Chennai, Kolkata, Mumbai, New Delhi [Export CSV](#)

**Search emails by:** [Advanced Search](#)

To email address  Dates 2022/11/11 - 2022/11/14

STATUS	MESSAGE	LAST EVENT RECEIVED	OPENS	CLICKS
Processing	To: insalattapriya@gmail.com Sending with Twilio SendGrid is Fun	2022/11/14 8:05pm UTC+05:30	0	0
Processing	To: gbvelan2002@gmail.com Sending with Twilio SendGrid is Fun	2022/11/14 7:32pm UTC+05:30	0	0
Processing	To: gbvelan2002@gmail.com Sending with SendGrid is Fun	2022/11/14 12:46pm UTC+05:30	0	0
Processing	To: gbvelan2002@gmail.com Twilio SendGrid Test Email	2022/11/14 12:37pm UTC+05:30	0	0

8:46 PM 11/14/2022