

INTEGRATING SENDGRID SERVICE

DATE	18-11-2022
TEAM ID	PNT2022TMID34860
PROJECT NAME	Skill/Job Recommender Application

SENDGRID INTEGRATION WITH PYTHON:

The screenshot displays the PyCharm IDE interface. The main editor window shows a Python script named `app.py` with the following code:

```
def sendemail(toemail, name):
    message = Mail(
        from_email='jobrecommendator@gmail.com',
        to_emails=toemail,
        subject='Welcome to Job Portal - '+name,
        html_content='<strong>Hi '+name+', Welcome to Job Portal. Hope you will find a suitable job .</strong>')
    try:
        sg = SendGridAPIClient('SG.3450F455qJQ5TfSl0pyMEnc0.g.baZUEoLnLDAqQLaF7glqJbpTzQwzrtlg2C3H7MK09k')
        response = sg.send(message)
        print(response.status_code)
        print(response.body)
        print(response.headers)
    except Exception as e:
        print(e.message)
```

The left sidebar shows the Project view with the following structure:

- pythonProject1 login
 - pythonProject1
 - idea
 - static
 - templates
 - venv
 - app.py
 - DigiCertGlobalRootCA.crt
- External Libraries
- Scratches and Consoles

The bottom Run console shows the output of the script, which is an HTTP response:

```
Run: app
Content-Length: 0
Connection: close
X-Message-Id: Af0xJlWQ6S6LVAPFGGyIZg
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
```

The status bar at the bottom indicates the current file is `app.py`, the encoding is `UTF-8`, and the page is 4 spaces wide. The bottom right corner shows the status bar with the text `28:1 CRLF UTF-8 4 spaces Python 3.9`.