

Integrating sendgrid service

Sendgrid integration with python code

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Project Name	Skill/job Recommender Application

1) INSTALL PACKAGE SENDGRID

pip install sendgrid

```
Command Prompt
Microsoft Windows [Version 10.0.18363.418]
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C:\Users\SYSTEMS>pip install sendgrid
Defaulting to user installation because normal site-packages is not writeable
Collecting sendgrid
  Downloading sendgrid-6.9.7-py3-none-any.whl (101 kB)
    ----- 101.1/101.1 kB 726.5 kB/s eta 0:00:00
Collecting starkbank-ecdsa>=2.0.1
  Downloading starkbank-ecdsa-2.2.0.tar.gz (14 kB)
  Preparing metadata (setup.py) ... done
Collecting python-http-client>=3.2.1
  Downloading python-http-client-3.3.7-py3-none-any.whl (8.4 kB)
Installing collected packages: starkbank-ecdsa, python-http-client, sendgrid
  DEPRECATION: starkbank-ecdsa is being installed using the legacy 'setup.py install' method, because it does not have a 'pyproject.toml' and the 'wheel' package is not installed. pip 23.1 will enforce this behaviour change. A possible replacement is to enable the '--use-pep517' option. Discussion can be found at https://github.com/pypa/pip/issues/8559
  Running setup.py install for starkbank-ecdsa ... done
Successfully installed python-http-client-3.3.7 sendgrid-6.9.7 starkbank-ecdsa-2.2.0

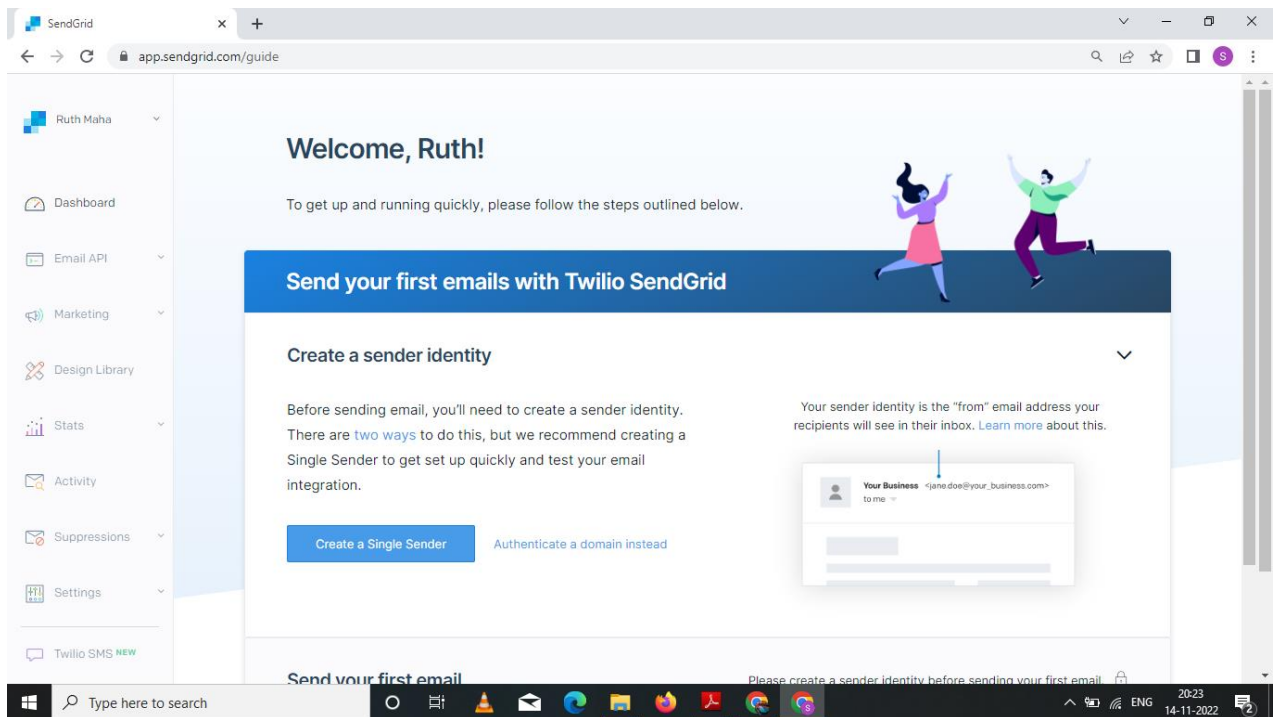
C:\Users\SYSTEMS>
```

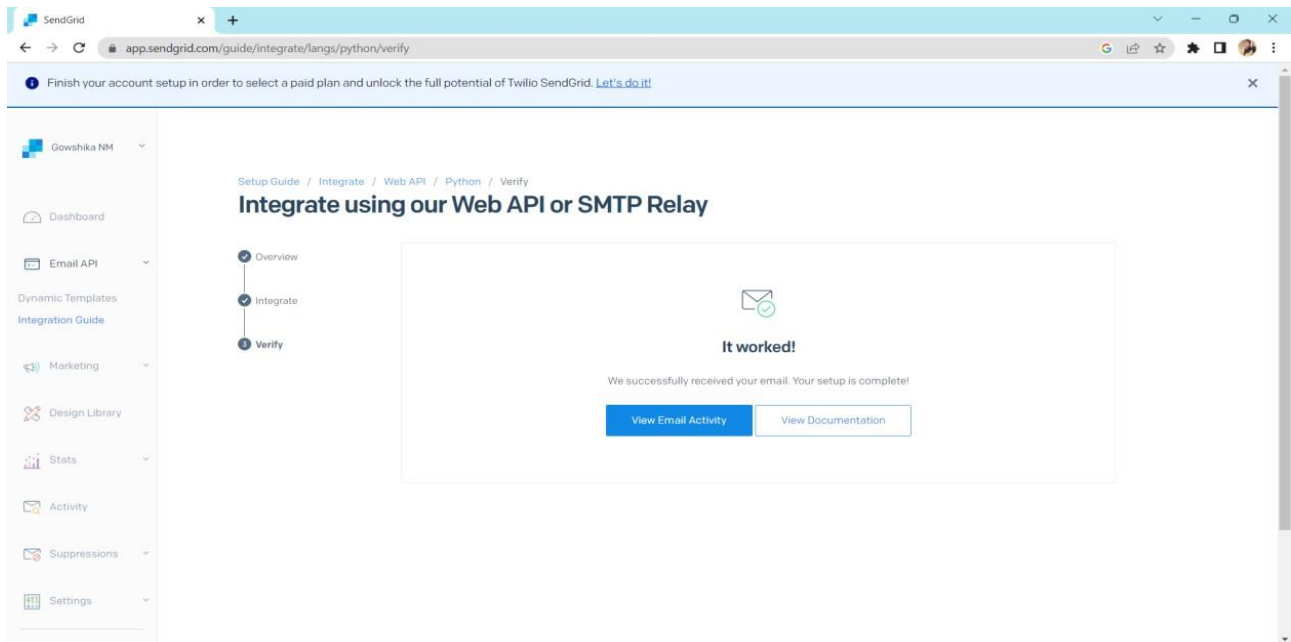
2) Permanently set the environment variable (accessible in all subsequent CLI sessions)

```
setx SENDGRID_API_KEY "YOUR_API_KEY"
```

3) Temporarily set the environment variable (accessible only during The current cli session)

```
set SENDGRID_API_KEY=YOUR_API_KEY
```





Integration.py

```
import os
```

```
from sendgrid import SendGridAPIClient
```

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

```
message = Mail(
```

```
    from_email='XYZ@gmail.com',
```

```
    to_emails='ABC@gmail.com',
```

```
    subject='Sending with Twilio SendGrid is Fun',
```

```
    html_content='<strong>and easy to do anywhere, even with Python</strong>')
```

```
try:
```

```
    sg = SendGridAPIClient(os.environ.get('SENDGRID_API_KEY'))
```

```
    response = sg.send(message)
```

```
    print(response.status_code)
```

```
    print(response.body)
```

```
    print(response.headers)
```

```
except Exception as e:
```

```
    print(e.message)
```

