

# INTEGRATED SENDGRID SERVICE

Welcome, janani!

To get up and running quickly, please follow the steps outlined below.

### Send your first emails with Twilio SendGrid

#### Create a sender identity

Before sending email, you'll need to create a sender identity. There are [two ways](#) to do this, but we recommend creating a Single Sender to get set up quickly and test your email integration.

Your sender identity is the "from" email address your recipients will see in their inbox. [Learn more](#) about this.

[Create a Single Sender](#) [Authenticate a domain instead](#)

**Your Business**  
to me: <janedoe@your\_business.com>

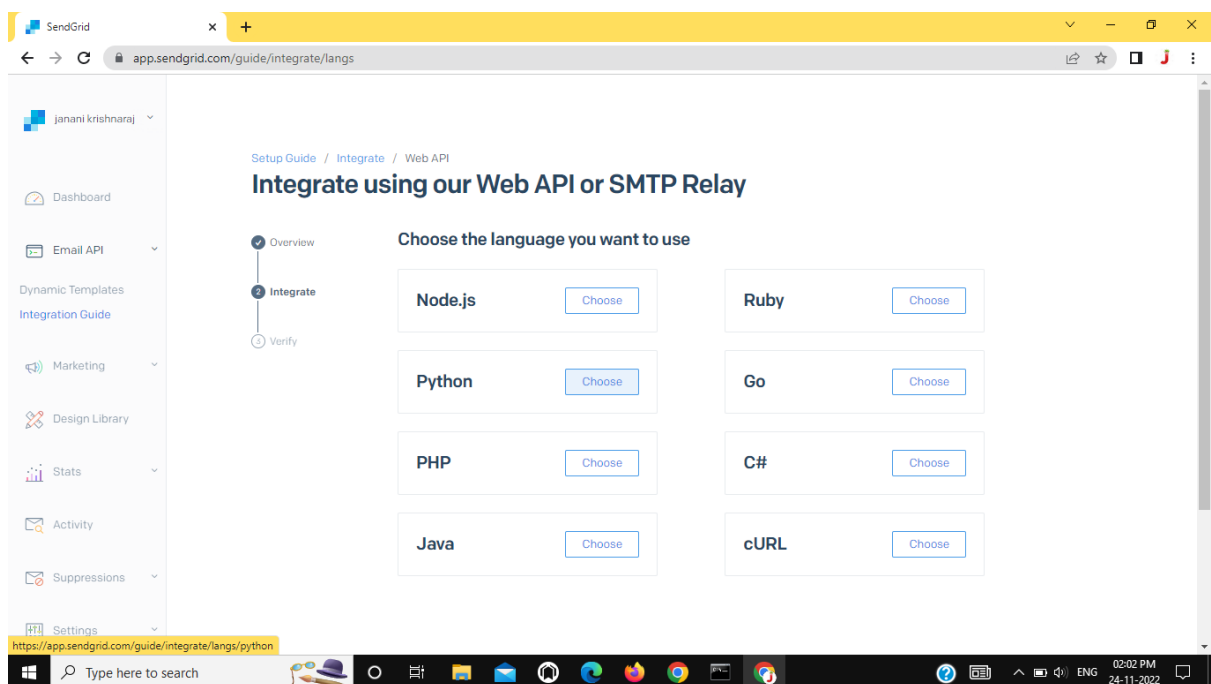
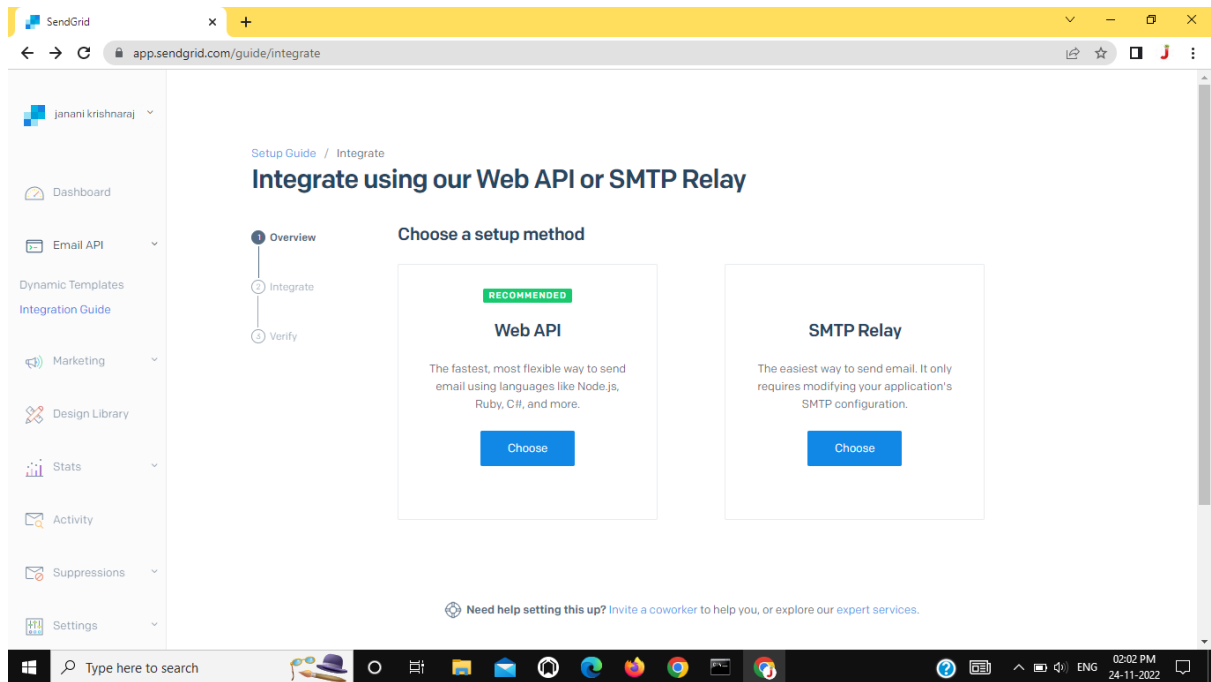
[Send your first email](#)

Please create a sender identity before sending your first email.

### Sender Management

[Create New Sender](#)

SENDERS	ADDRESS	NICKNAME	VERIFIED	ACTIONS
<b>janani.krishnaraj</b> <small>FROM</small> jananikrishnaraj01@gmail.com <small>REPLY</small> dhivyakumaravel01@gmail.com	P.A. college of engineering and technology pollachi coimbatore, 642002 IND	janani		



SendGrid

app.sendgrid.com/guide/integrate/langs/python

janani krishnaraj

Dashboard

Email API

Dynamic Templates

Integration Guide

Marketing

Design Library

Stats

Activity

Suppressions

Settings

Setup Guide / Integrate / Web API / Python

## Integrate using our Web API or SMTP Relay

Overview

Integrate

Verify

All languages

### How to send email using Python

- 1 Make sure you have the prerequisites**

Our library requires Python 2.6, 2.7, 3.4 or 3.5.
- 2 Create an API key**

This allows your application to authenticate to our API and send mail. You can enable or disable additional permissions on the [API keys page](#).

✓ "Janani@123" was successfully created and added to the next step.

SG.2cg71dAeSP1UDF7AuNwNdQ.JUGbFFKj10F\_emMeAyyvQ160UUU24uTID8pAaqIR3Lc
- 3 Create an environment variable**

Update your development environment with your SENDGRID\_API\_KEY. Run the following in your shell:

```
1 echo "export SENDGRID_API_KEY='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'"
2 echo "sendgrid.env" >> .gitignore
3 source ./sendgrid.env
```

Command Prompt

Microsoft Windows [Version 10.0.19044.2130]  
(c) Microsoft Corporation. All rights reserved.

```
C:\Users\personal-pc>mkdir sg_quickstart
A subdirectory or file sg_quickstart already exists.

C:\Users\personal-pc>cd sg_quickstart

C:\Users\personal-pc\sg_quickstart>setx SENDGRID_API_KEY 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
SUCCESS: Specified value was saved.

C:\Users\personal-pc\sg_quickstart>
```

```
app - Notepad
File Edit Format View Help
import sendgrid
import os
from sendgrid.helpers.mail import Mail, Email, To, Content

sg = sendgrid.SendGridAPIClient(api_key=os.environ.get('SENDGRID_API_KEY'))
from_email = Email("jananikrishnaraj01@gmail.com")
to_email = To("dhivyakumaravel01@gmail.com")
subject = "sending with sendgrid is fun"
content = Content("text/plain", "and easy to do everywhere,even with python")
mail = Mail(from_email, to_email, subject, content)
mail_json = mail.get()
response = sg.client.mail.send.post(request_body=mail_json)
print(response.status_code)
print(response.headers)
```

