

Integrating Sendgrid Service

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Project Name	Skill/Job Recommender Application
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Sendgrid Account Creation

The screenshot shows the Twilio SendGrid dashboard for user 'S S V K Sahit'. The left sidebar contains navigation links: Dashboard, Email API, Marketing, Design Library, Stats, Activity, Suppressions, Settings, and Twilio SMS (marked as NEW). The main content area features a blue banner with the text 'Ready to unlock the full potential of Twilio SendGrid?' and a 'Let's do it!' button. Below this, a greeting says 'Hello S S V K! Here's your recent email activity.' with a toggle for 'Wk' and 'Mo'. A row of six cards displays email activity metrics: REQUESTS (0), DELIVERED (N/A, 0), OPENED (N/A, 0), CLICKED (N/A, 0), BOUNCES (N/A, 0), and SPAM REPORTS (N/A, 0). At the bottom left, a 'REPUTATION' bar is shown at 100%.

API Creation

The screenshot shows the 'API Keys' page in the Twilio SendGrid dashboard. The left sidebar is the same as in the previous screenshot, with 'API Keys' highlighted in the 'Settings' section. The main content area has a title 'API Keys' and a 'Create API Key' button. Below the title is a table with columns 'NAME', 'API KEY', and 'ACTION'. One API key is listed with the name 'SkillApp' and the ID 'API Key ID: _717EY0jSPG-LnH_gZdb2w'. The API key value is masked with asterisks, and there is a settings icon in the 'ACTION' column.

Sendgrid Python Integration

```
import os
from sendgrid import SendGridAPIClient
from sendgrid.helpers.mail import Mail
SENDGRID_API_KEY='SG._7I7EY0jSPG-LnH_gZdb2w.LE3POPHzBqiSDZ4n0unaJLRvHBKqnpe-
nULdU05c4ZQ'
message = Mail(
    from_email='skilljobr@gmail.com',
    to_emails='sahitssvk@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(str(e))
```

Return mail form sendgrid stating successful linking

