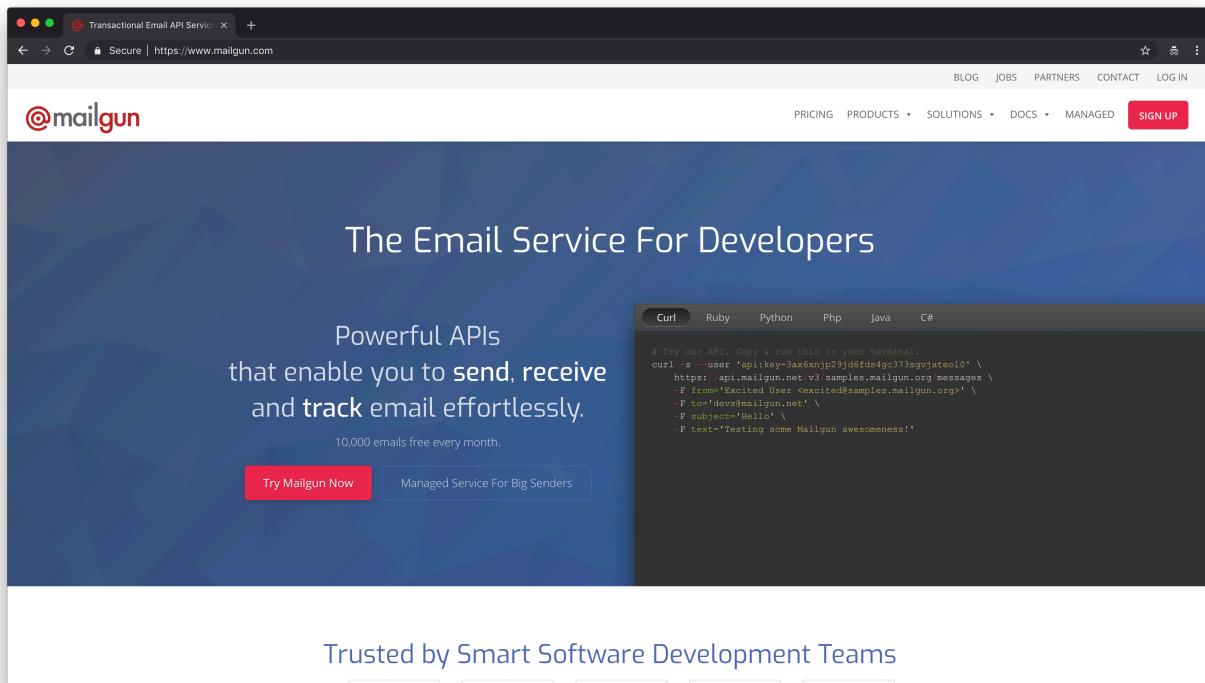


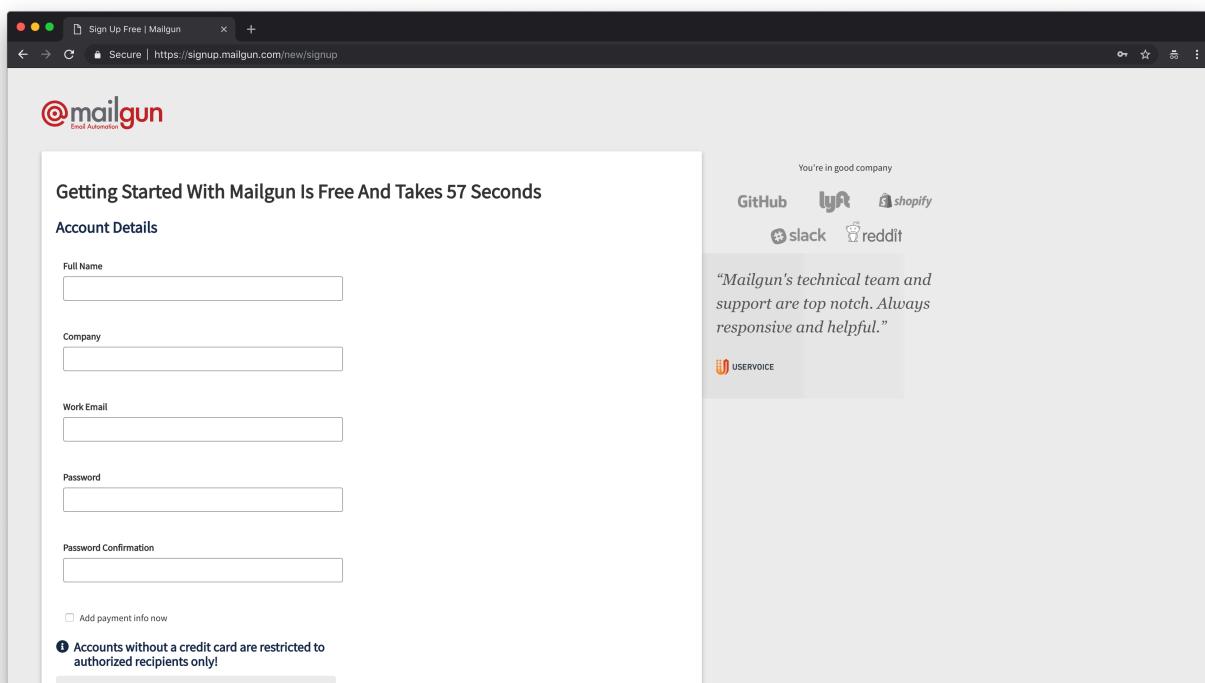
# Mailgun Instructions

There seems to be a problem with my sandbox **Mailgun** setup, so I advise students which are having problems with the email sending to follow these instructions:

1. Navigate to <https://mailgun.com>



2. Click the **Sign up** button located in the right top corner



- Fill in your information in the sign up form but uncheck **Add payment info now** because it is not required to use the sandbox version
- When the sign up process is finished you will receive an email to verify your account, which you should do. Then scroll down to the bottom of the page for the **Sandbox Domains** section and copy the domain

The screenshot shows the Mailgun API documentation page. On the left, there's a 'Dashboard: Main - Mailgun' tab. The main content area has a heading 'Add Your Domain' with a 'Hammer' icon. Below it, a message says 'IT'S TIME TO GRADUATE FROM THE SANDBOX!' and 'To send email from you, you need to set up your own domain. Your sandbox domain can only be used for testing.' It includes a 'Add Your Domain Now' button and a link to 'read the docs'. At the bottom are 'Show All Domains' and 'Add New Domain' buttons.

**Sandbox Domains**

State	Domain Name	Outgoing (30d)	Bounced	Complaints	Posts via Routes
Active	sandboxb61c72c3548c42b2987b9f0691b8869c.mailgun.org	28	0%	0%	0

Below the table is a 'Authorized Recipients' button.

**API Keys**

- Public Validation Key: `*****6b076`
- Private API Key: `d15eac2675e1a609d18d24f7b69e2718-4836d8f5-7d483067`

Useful Resources:

- Help Center
- API Documentation
- Postbin
- Mail Tester
- SenderScore
- MXToolBox
- HTML Email Templates

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- Add the copied domain to this section within `email_service.py`

```
def send_simple_message(to, subject, body):
    return requests.post(
        "https://api.mailgun.net/v3/sandboxb61c72c3548c42b2987b9f0691b8869c.mailgun.org/messages",
        auth=("api", "d15eac2675e1a609d18d24f7b69e2718-4836d8f5-7d483067"),
        data={"from": "Mailgun Sandbox <postmaster@sandboxb61c72c3548c42b2987b9f0691b8869c.mailgun.org>",
              "to": to,
              "subject": subject,
              "html": body})
```

6. Then press the eye icon to see your **Private API Key** which is located in the right within the **Mailgun** page

The screenshot shows the Mailgun Dashboard with the following details:

- Company Name:** RU
- Dedicated IPs:** 0
- Previous invoice (October 29, 2018):** \$0.00
- API Keys:**
  - Public Validation Key: .....6b076
  - Private API Key: d15eac2675e1a609d18d24f7b69e2718-4836d8f5-7d483067 (highlighted in red)
- Useful Resources:**
  - Help Center
  - API Documentation
  - Postbin
  - Mail Tester
  - SenderScore
  - MXToolBox

7. Add the **Private API Key** to this section within **email\_service.py**

```
def send_simple_message(to, subject, body):
    return requests.post(
        "https://api.mailgun.net/v3/sandboxb61c72c3548c42b2987b9f0691b8869c.mailgun.org/messages",
        auth=("api", "d15eac2675e1a609d18d24f7b69e2718-4836d8f5-7d483067"),
        data={"from": "Mailgun Sandbox <postmaster@sandboxb61c72c3548c42b2987b9f0691b8869c.mailgun.org>",
              "to": to,
              "subject": subject,
              "html": body})
```

- Now you can start sending emails to the email you used to register for **Mailgun**, but if you want to add more emails to send to, you can navigate to **Security** which can be found by clicking on your profile within the navigation bar and then go to **Authorized Recipients** and add recipients you would like to send emails to.

The screenshot shows the Mailgun web interface. At the top, there are three tabs: 'Domains', 'Mailing Lists', 'Logs', 'Routes', 'Analytics', 'Suppressions', 'Email Validation', and 'Webhooks'. Below these, a sub-navigation bar includes 'Settings', 'Security', 'Invoices', 'Previous Payments', 'Authorized Recipients' (which is highlighted in red), and 'Upgrade'. The main content area is titled 'Account' and contains a section for 'Authorized Recipients'. This section features a table with columns for 'State' (checkbox) and 'Email' (text input). There are four rows: the first is 'Unverified' (orange button), and the next three are 'Verified' (green button). At the bottom of the table is a dashed red line. Above the table are two buttons: 'Invite New Recipient' (black background, white text) and 'Delete Selected' (gray background, black text).