

10-1P

Brayden de Koning

<https://github.com/brayden276/Brayden-SIT323>

https://youtu.be/WiSa0-5r_P8

Verifying via Network tab in Chrome Dev tools our POST request to the API:

The image shows a screenshot of the DEVDeakin website on the left and the Chrome DevTools Network tab on the right. The website has a search bar, a 'Post' button, a 'Test Test2' dropdown, and a 'Sign up for our Daily Inside' section with an email input field, a 'Subscribe' button, and a confirmation message: 'Subscribed. Check your inbox for the welcome email.' Below this is a large heading 'Welcome to DEV@Deakin'.

The Chrome DevTools Network tab is open, showing a list of network requests. The 'subscribe' request is selected, and the 'Response' tab is active. The response is a JSON object: `{\"message\": \"Welcome email sent\"}`.

Name	X	Headers	Payload	Preview	Response	Initiator	Timing
subscribe	1				<code>{\"message\": \"Welcome email sent\"}</code>		

Verified with Sendgrid that my integration is working:

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Integrate using our Web API or SMTP Relay

- Overview
- Integrate
- Verify



It worked!

We successfully received your email. Your setup is complete!

[View Email Activity](#)

[View Documentation](#)

Verifying my Server is receiving the request:

```
PS C:\Users\BraydendeKoning\OneDrive\University\2025\T2 2025\SIT313 Full Stack Development Secure Frontend Applications\Brayde
T323\10-1P\API> node server.js
[dotenv@17.2.0] injecting env (2) from .env (tip: ⚙ enable debug logging with { debug: true })
{
  apiKey: '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',
  from: 's222134471@deakin.edu.au'
}
Server running on http://localhost:3000
POST /subscribe hit with body: { email: 'test@test.com' }
POST /subscribe hit with body: { email: 'test@test.com' }
```

Then, as shown below, the email is being sent, and is being delivered, but the Deakin Domain is blocking it. This is expected behavior as we are not able to verify the domain through the deakin DNS.

Email Information

Close

Details

To	s222134471@deakin.edu.au
From	s222134471@deakin.edu.au
Subject	Welcome to DEV@Deakin!
More Details	