

Integrate Nutrition API

The screenshot shows a web browser window with the URL `rapidapi.com/hefesto-technologies-hefesto-technologies-default/api/food-nutrition-information/`. The page displays the API details for "Food Nutrition Information" by hefesto technologies, including a popularity score of 9.3/10, a latency of 1,981ms, and a 100% service level. The API is categorized as "FREEMIUM".

The "Endpoints" section lists two endpoints:

- GET Get Food Information By Fodd Id**: get a food nutrient data information by its id
- GET Find food by name**

The "Code Snippets" section shows a Python example using `http.client` to make a GET request to the API endpoint `/food/1497465` with the following headers:

```
headers = {
    'X-RapidAPI-Key': '1f74b55b32mhea3c672dbd4e58cp157983jsnca7a6b167bf
d',
    'X-RapidAPI-Host': 'food-nutrition-information.p.rapidapi.com'
}
```

Activities Sublime Text Nov 20 2:58 AM 31 %

~/project/app.py (project) - Sublime Text (UNREGISTERED)

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FOLDERS

- project
 - templates
 - about.html
 - base.html
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 - dash.html
 - index.html
 - result.html
 - signin.html
 - signup.html
 - upload.html
 - validate.html
 - value.html
 - app.py
 - DigiCertGlobal
 - test.py

```
81 url = "https://food-nutrition-information.p.rapidapi.com/foods/search"
82
83 querystring = {"query": f"{item}", "pageSize": "1", "pageNumber": "1"}
84
85 headers = {
86     "X-RapidAPI-Key": "1f74b55b32mshea3c672dbd4e58cp157983jsnca7a6b167bfd",
87     "X-RapidAPI-Host": "food-nutrition-information.p.rapidapi.com"
88 }
89
90 response = requests.request("GET", url, headers=headers, params=querystring)
91
92 r = response.text
93
94 jsondata = json.loads(r)
95
96 lst = []
97
98 for i in range(len(jsondata['foods'][0]['foodNutrients'])):
99     print(jsondata['foods'][0]['foodNutrients'][i]['nutrientName'])
100     lst.append(jsondata['foods'][0]['foodNutrients'][i]['nutrientName'])
101
102 print(lst)
103 lstlen = len(lst)
104 return render_template("value.html", item=item, lstlen=lstlen, lst=lst)
105
106 itemmsg = "Upload a valid image"
107 return render_template("upload.html", itemmsg=itemmsg)
108 if __name__ == "__main__":
109     app.run(use_reloader=True, debug=True)
110
111
112 @app.route("/about")
113 def about():
114     return render_template("about.html")
115
```

Line 102, Column 19 Tab Size: 4 Python