

Full Stack Developer - Practical Test

FoodDoneRight is a food delivery platform.

It is essential for FoodDoneRight to be able to route incoming orders to the correct restaurants depending on predefined delivery area polygons and the customer's shipping address.

Tasks:

A. Develop an API that accepts a customer location as an input parameter and returns the correct outlet identifier for the input location.

B. Develop a frontend that allows a user to enter and submit an address and then displays the outlet identifier returned from the API.

Bonus Points for :

- If your solution uses any one of the frameworks
 - NestJS
 - NextJs
 - Typescript
- If your UI is beautiful and responsive. Follows the correct component structure and is written using ES6 Javascript
- If the input follows validations not limited to sanity check, debounce, etc
- If the input implementation is type to search
- If you have implemented tests

Timeline:

You have **48 hours** to complete this task and submit your deliverables via email to the same address you received this assignment from.

Note:

You may use any freely available 3rd party geospatial services and/or open-source components.

You should build your API with NodeJS and your frontend with any framework of your choice.

Your deliverables should include the full source code and usage instructions.

In case your solution is incomplete or you are aware of any defects, add a detailed description of how your solution could be improved.

Assets:

Attached KML File

Test cases:

Input: "Stumpergasse 51, 1060 Vienna"

Input: "Ungargasse 17, Vienna, Austria"

Input: "Linzer Straße 7, Vienna, Austria"

Input: "Maurer Hauptplatz 7, 1230 Wien, Austria" Input: "Bahnhofplatz 1, Linz, Austria"

Input: "Quadenstraße 5, 1200 Vienna"

Output: au_vienna_schoenbrunnerstr Output: au_vienna_landstrasserhauptstr Output:
au_vienna_dreyhausenstr Output: au_vienna_maurerhauptplatz Output: not found

Output: not found