

Shipthis Inc.

As a process of selection we have

- Assignment Round
- Technical Interview
- HR Interview

Once you complete the assignment given below we will be contacting you based on your submission.

Assignment

- A front end app which accepts a **mbi number[1]** with a search button (extra points for building frontend in Angular's latest versions or React).
- On entering a value and pressing submit, a request should be sent to the backend (backend can be in any technology, extra points for using python flask)
- From backend, scrape shipment data from the [Hapag-Lloyd](#) website and return the data in json to the frontend.
- Display the shipment details in frontend (extra points for good ui).
- If a **mbi number** is invalid it should display an error stating the number is not valid.

Expected Solution-

1. The Source code of frontend and backend to be uploaded to github along with a readme file.
2. Readme must explain
 - a. Components of the code
 - b. All the libraries and plugins used

Reference

[1]. MBL is a unique number associated with every sea shipment that can be used to track the shipment.

Some test mbl number for the assignment

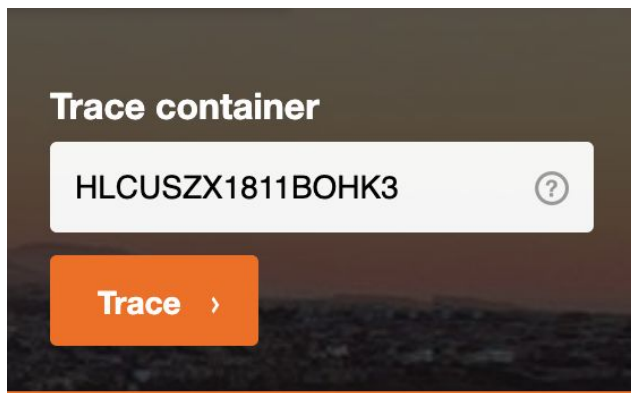
HLCUSZX1811BOHK3
HLCUIZ1181136084
HLCUMU1180925783
HLCUBSC1808BZJE5
HLCUBSC1810BXIF9

General Guide-

Manual Process to access the data-

Step -1 Go to the hapag lloyd website and enter the mbl number

<https://www.hapag-lloyd.com/en/home.html>



Step-2 Select the container.

<https://www.hapag-lloyd.com/en/online-business/tracing/tracing-by-booking.html?blno=HLCUSZX1811BOHK3>

Booking No.

Bill of Lading No.

HLCUSZX1811...

FindClear

HIDE

Your search yielded a list of several containers. Select a container to receive more details.

Type	Container No.	Status	Date	Place of Activity
<input checked="" type="radio"/> 45GP	HLXU 8364994	Gate in empty	2019-01-10	RIYADH
<input type="radio"/> 45GP	TCNU 1481713	Gate in empty	2019-01-16	RIYADH
<input type="radio"/> 45GP	TCNU 6978908	Gate in empty	2019-01-12	RIYADH

Details

Step-3 Fetch the data

<https://www.hapag-lloyd.com/en/online-business/tracing/tracing-by-booking.html?view=S8510&container=HLXU++8364994>

FindClear

Container Information

Type	45GP	Description	HIGH CUBE CONT.	Dimensions	42' X 8' X 9'6"	Turn Bag	500	Max. Payload Bag	2000
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Last Movement

The container arrived in RIYADH at 2019-01-10

Status	Place of Activity	Date	Time	Transport	Weight (kg)
Discharge from	RIYADH	2019-01-08	14:00	Truck	
Gate in empty	RIYADH	2019-01-10	16:00	Truck	

Step-4 Scrape this data and display it on your frontend app.

(Data is changed in the image)

📅 Friday, 25-Jan	📍 Rotterdam, Netherlands	📦 GATE-OUT-EMPTY
📅 Friday, 25-Jan	📍 Rotterdam, Netherlands	📦 GATE-IN
📅 Sunday, 03-Feb	📍 Rotterdam, Netherlands	📦 LOAD
	📍 Salalah, Oman	📦 DISCHARG
	📍 Salalah, Oman	📦 LOAD
	📍 Dammam, Saudi Arabia	📦 DISCHARG
	📍 Dammam, Saudi Arabia	📦 ON-RAIL
	📍 Riyadh, Saudi Arabia	📦 OFF-RAIL

All the best :)