**Full Stack Developer Position Test – Thing or Two**

Congratulations! And welcome to the test for the

Junior **Full Stack Developer position,**

**here at Thing or Two ☺**

**The assignment**

Write a program that reads the “song\_list” CSV file, transforms all words into lowercase letters and saves them into a Database (use the csv file that was sent to you with this file).

After the songs are stored into the Database, show them in a simple table ordered by the Band name.

To complete the assignment, please use the following technologies:

Backend: Node.js.

Frontend: React. This should be a simple Table with some basic style, feel free to freestyle.

DB: SQL type (whatever is suitable for you).

**Extra instructions:**

* This assignment should be written with the best practices, and the code should be as clean as possible with “try catch”, errors handlers, etc
* Use external packages if you think this will help you make your code more extensible and cleaner. The code should be as ready as possible for a prod environment.
* Add docs to the code
* Use TypeScript
* Use NestJs for the backend
* In order for this to work without any instance of a DB use **Docker & Docker-Compose**

**Submitting:**

* Upload the task to GitHub / GitLab / Bitbucket and send the URL.

**What are we checking:**

We will check how clean the code is, the structure of the project, any extra that was made, and the style that you created in the frontend (The more creative the better it is).

Everything needs to work properly: Your web-app should be able to open a csv file and save it into a SQL database. Then it should show the data later ordered by the Band names.

**Good luck!**