

Senior Backend Engineer

In this assignment we'll be asking you to build a small app that talks to a public api of HackerNews. On the following page you'll find the documentation:

<https://github.com/HackerNews/API>

Your app should have three endpoints:

1. Top 10 most occurring words in the titles of the last 25 stories
2. Top 10 most occurring words in the titles of the post of exactly the last week
3. Top 10 most occurring words in titles of the last 600 stories of users with at least 10.000 karma

Languages and Frameworks

This task should be completed using

- NestJs Framework with emphasis on Typescript.

It's up to you what the endpoints look like and how exactly the response is returned (we do expect the latter to be JSON). Of course we expect you to make sensible choices and will ask you to explain them!

Notes :

- Publish your code to a (public) git repository.
- Make sure any developer can get your app up & running using your instructions in some readme document. Make sure you also mention dependencies that might be needed to run the app.
- If you cannot finish completely, make sure that at least your app runs and the working endpoints can be reached. Don't worry, the most important thing about this assignment is that you can explain your choices in an accompanied explanation in the readme file
- Even though you have limited time, we ask you to be thoughtful about using parallel calls to improve performance
- The idea is that you spend between 4 and 8 hours on this assignment.
- If you are stuck or have any question, please let us know, so we can help you

Things We will Look Out For

- Testing
- Readability
- Good Practices
- Completeness (e.g. Data Validation)
- Good code structure
- Performance

To Be submitted within 24 hours