

Colkie Backend Code Challenge

Colkie is the place where you can join your favorite artist community. We offer many features, but the most important one is the community channel, where you can connect not only with many fans around the world but also directly with your idol.

This Channel can be modeled much like a Chat room, and as we are an API first company, we would like to see how you would model a small API to model a chat like behavior with several endpoints:

- Create a room
- Add a user to a room
- Send a message to a room
- Get latest messages from a room

Code Challenge Requisites

- Create a service to expose a REST API using Typescript. Here at Colkie we use Nest.js framework.
- Automated tests should be added to verify the correct behavior of the API.
- Use a database of your choice (or no database at all if you prefer).
- Bonus: Expose OpenAPI documentation.
- Bonus: Dockerize your application.

Evaluation

- Usage of Clean Code and Clean Architecture.
- Testing.
- Adherence to best practices.
- Readability.

We would like to see how you write your code taking into account that you work in a shared code base, so please create a Github repository and work like in a real project.

- Keep more than one commit, also keep in mind commit messages.
- Add a README documenting all the decisions you made to resolve the challenge.

You will have one week to finish the challenge, but if you think you need more time or you just want to do a reduced set of features, it is ok always that you make a full vertical slice: we want to see how you go from a request to the database and back in at least two of the endpoints.