

The UK DRI Care Research and Technology Centre Programming Task

You are working on a modern production-ready to-do list webapp. It consists of a frontend Web Application (user interface), a RESTful backend API service and a PostgreSQL database. The app should be able to: show a list of tasks; create, delete, and modify them; mark them completed. Feel free to use any relevant third-party libraries but the app itself should be entirely your own work. You do not need to implement any authentication or authorisation but you may be asked about it during your interview.

Your task is to either:

- Develop a frontend application using Angular or any other framework you are comfortable with. It should consume a backend API Service. You can use <https://demo.minder.care/interview/task>, which is a simple read-only API that returns a list of tasks, or you can develop your own if you prefer (it can be a mock).

Or:

- Develop a backend API Service using NodeJS, Java/Spring or any other framework you are comfortable with. It should use PostgreSQL as a data store. You need to develop all the necessary APIs to enable the UI to perform all the functions listed in the description above.

We like to build and run our code in Docker containers. If you can do the same and write a Dockerfile to build and run your code, then please do so.

When you have completed this assignment, please push your code to a public git repository and send a link to a.joffe@imperial.ac.uk.