

Code Challenge

Build a system that pulls data from the movies API (omdbapi.com), stores that data in your system's local database, and makes it searchable.

1. Use NodeJS to build the backend.
2. Limit the data you pull to movies from the year 2020 that contain the word **"space"** in their title.
3. Use a database of your choice as the primary data store.
4. Set up the backend in a dockerized environment.
5. Use any front-end technology to build the frontend.
6. Provide search functionality to the user.
 - a. Search-term can appear in the *title*, *director* or *plot* of the movie.
 - b. Movie-results should be shown with *poster*, *title*, *director*, and *plot*.
7. Add sufficient test coverage to your system.
8. *[Optional] Create the search backend using a search engine (e.g. Elasticsearch).*

Note: The focus of this challenge is API and system design, and the quality of your code. *You don't have to make a perfect-looking UI.*

Submission

Submit your code using a git repository and send us the link.

The Submission needs to contain a README.md file that describes the following:

1. How to start the project (fewer steps the better).
 - a. Preference for a docker-compose setup that allows bootstrapping the whole environment without too much friction.
2. How to use the app.
3. Your architecture design decisions with an architecture diagram.

