# Propelio Backend Coding Exercise

Build a Dockerized Node.js REST API for the included Open API spec (spec.yaml) using the data from the data.json file.

## Goal

This API endpoint would be used for type-ahead suggestions for US counties. It should be able to return a set of matching counties based on a user provided fragment of a county name and/or state. See the examples in the provided Open API spec. The ordering of the results is up to you.

These instructions do not specify every little detail you should consider. This is done on purpose to test your ability to analyze a problem and come up with a reasonable approach. Thoroughness and attention to detail are some of the most important qualities we're looking for. Make sure to consider best practices for a production REST API.

## Requirements

- The command `docker-compose up` **must** launch the API, expose it on port 3000, and perform whatever initialization it needs.
- We would like to see you use a database for this. We use PostgreSQL, MySQL, and MongoDB so any of those would be acceptable.

⚠️ Note that the database should be launched and all initialization (including any seed data) done by the above command.

- Use whatever libraries you are comfortable with.
- Use Typescript, it's what we use.
- Don't forget to include tests using your preferred methodology.

ℹ️ We suggest using Stoplight Studio to view the included OpenAPI spec. Other tools may not display it correctly.

**Postman only displays one of the three included example responses.**

## Submitting your work

Compress your source code as a zip archive and either send it to us, or send us a link where we can download it. Sharing via Dropbox, Google Drive, or similar should be fine.