



Project for the full-stack developer

Timeline: submit solutions within 2 weeks; completion of the project should ideally take you around 2 to 5 hours.

Project description

Your task is to:

- set up a MongoDB database for storing information about orders, their statuses and routes
- set up back-end connection in Node.js, and
- a basic front-end display presenting a table with information about these orders: their status, shipment date, delivery date, route.

For additional points and if you have time, implement the following:

- Calculation of summary statistics: number of orders in the database, average time to delivery, average time to delivery to a specific destination (state).
- A method of adding additional tracking numbers to be processed by TrackingMore API and added to the database,
- A map of USA showing order routes
- An exploratory table where you can look up information about individual orders

Data description

In the attachment to this email you receive a set of 100 tracking numbers for orders within the USA.

You can use the following API key to a TrackingMore account to retrieve information about these orders (the orders are already tracked on this account, and you can just submit GET requests):

pd54geui-pqrd-f6ao-u99e-whhz1lpjle0y

The details on GET requests to the API can be found in the [TrackingMore documentation](#).

Additional information

If in the course of the project you will require access to paid services (e.g. a hosting solution for the app), contact us for reimbursement before proceeding.

We recommend using a free instance of MongoDB Atlas to host the database.

Within the timeline of the project, you can schedule two 15-minute virtual meetings with rafal@artikunocommerce.com to discuss the deliverables and the data.

If you cannot finish the project within 5 hours, limit yourself to what you can do and write down a series of steps, along a timeline, of what would be necessary to complete it.