Dear Candidate,

Thank you for your time, and interest in applying for a front-end Developer position at Rapaport.

RapNet is one of the biggest products at Rapaport. It is a place where diamonds can be sold and purchased by diamond dealers around the world. Diamonds are sold and purchased based on the following aspects: shape, size, color, clarity, and price. Rapaport provides an additional attribute: list price. This compares the price of the diamond to what Rapaport believes the price should be.

Please build a SPA that includes:

* Header
* Statistics with: average price, number of diamonds, average discount – all the statistics should be calculated in the client side.
* Grid with all the diamonds
* Section to add a diamond to the list
* Open a popup on success/error when trying to add a diamond.

Use the attached diamond as the initial values. The data should be managed in a Redux store.

You can either send us a link to a cloud folder (e.g. google drive, dropbox etc.) or provide us a link to a git source.

The project should be well designed, and taking into account all the aspects of development, including validation, error handling, etc

We wish you the best of luck.

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| |  | | --- | | Header |  |  | | --- | | Statistics  Average price, number of diamonds, min. price |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | Grid with all diamonds | | |  |  |  |  |  | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  | | --- | | Add diamond | |