

## Frontend Coding Challenge for Candidates

### Phone Catalog App

Your task is to write a very simple product catalog app.

1. Write a simple REST API in whatever language you're most comfortable (NodeJS, Rails, Java...) that...

- \* has 1 endpoint `/phones``
- \* returns a couple of mobile phones like iPhone 7, Samsung Galaxy S7 etc. with some simple attributes like product image (just take some off of google images), title, description, color, price etc.
- \* The data can all be mocked, no need for a persistence layer<sup>[SEP]</sup>

2. Write a React app that displays the phones from the API

- \* Use redux for state management and Axios(or similar library) for fetching data from the API
- \* Create a `PhoneListContainer`` component that shows the phones
- \* Create a `PhoneDetailComponent`` that shows a few more details about the phone when the user selects it
- \* Display a spinner or placeholder component while the API request is ongoing
- \* Make it look decent. No need for super sophisticated design, but at a minimum, make it somewhat responsive so that it doesn't look terrible on a mobile phone.

3. Push the code to a public github repo with a README.md that explains how to run API & Frontend app

Bonus Points for Dockerizing the app.

Extra Bonus Points for writing realistic unit/end-to-end tests.