



Frontend Developer Coding Challenge

Context

Cryptocurrency is an ever evolving space with new projects being created every day. Our Traders need to be able to see the trending cryptocurrency projects and related information.

This app needs to display an ordered list of Cryptocurrency based on the **Coingecko API**

Product Requirements

- ☐ Display a paginated list of Cryptocurrencies
- ☐ For the Visible Cryptocurrencies, provide further information in any form you find appropriate

Coingecko provides lots of endpoints for further information you can use for free for this project.

- ☐ Be able to filter the list by Cryptocurrency name / symbol
- ☐ Provide a loading state whilst data is being pulled
- ☐ Provide an error state if the call fails
- ☐ Provide a unit test for the component

Further tasks (Not Required, but if you enjoy the project)

- ☐ Create a separate Tab/Page for Trending results based on Volume
- ☐ Showcase your creativity and brand the components you create

- ☐ Provide a component with Global Market information

Your Mission

Create the **React application** that satisfies all the must-have requirements above, plus any of the further requirements you choose to include.

We want to see your creativity so if you enjoy the project, feel free to add / change anything you think may showcase your ability better.

You can use any Boilerplate you prefer (Nextjs, create react app) but try to keep it simple.

Once you have completed the project, please feel free to host the repo on GitHub or use a service of your choice such as Heroku.

Tech Requirements

- **ReactJs**
- Testing Framework (Jest, Jasmine)
- ESLint + Prettier
- TypeScript is a + but not required.