

Frontend craft for SSE

1. Build a stock picker widget which when loaded will show a search bar, user can type in the symbol of the stock. As the user input the symbol we should show an auto-complete to list all the stocks which qualify the search term. If the user clicks on any of the search item it should show all the details of the stock. If the user clicks enter or search button without autocomplete selection it should show the stock details if the symbol exist else show stock not found message.

Stock details include:

1. Name and Symbol of the company
2. Description
3. Current Price
4. Change its traded on
5. Industry
6. PE Ratio
7. Market Cap
8. Stock price chart for the day(Good to have not mandatory)

Other functionalities to have:

1. User should be able to do multiple searches.
2. If user performs multiple search he should be able to navigate back and forward to show previous or next item.
3. The stock detail page should show refreshed data in a certain time interval to be taken as user input.

Instructions for candidate:

1. Use codesandbox.io for implementing and sharing the code or create a basic create-react-app project and share the github
2. Feel free to use any open source library of choice for any of the components.
3. Try to make the code as close to production ready as possible. Think about all the things you will do for it. If unable to implement that in time make a note of it to discuss in the interview.
4. Feel free to use open API to get the stock data. Ex:
<https://www.alphavantage.co/query?function=OVERVIEW&symbol=IBM&apikey=demo>