

Zeller Coding Challenge

Coding Challenge for Junior/Mid frontend developers based on React and GraphQL

OVERVIEW

This coding challenge is to build a simple react app with Typescript (optional), integrated with GraphQL APIs. For simplicity, the react app has been restricted to one screen.

HIGH LEVEL REQUIREMENTS

Need to build a simple react app in Typescript to show Zeller customers. Customers should be fetched with the GraphQL APIs provided.

List of customers need to be filtered based on the selection of user type - Admin/Manager.

- Radio button selection of `Admin` should list admin customers as per the design.
- If the selection is `Manager`, customers with a role `Manager` need to be listed.

Please refer to the design attached for the UI - *zeller-customers-design.png*.

RECOMMENDATIONS

1. Use 'Create React App' for Typescript for the project setup. No need to set the project up from the scratch
2. Use a familiar UI library such as Styled-Components if required. No need to be pixel perfect with the design.
3. GraphQL APIs are hosted in AWS. Use the attached *aws-exports* file for configurations. Authentication type is API-KEY.
4. Refer attached '*graphql/queries.ts*' for queries.

ZELLER CHECKLIST

1. Proper test coverage
2. Best practises for performance optimisation
3. Code quality
4. Quality and Responsive UI
5. Documentation describing the approach and setup guidelines.

RESOURCES PROVIDED

1. Design for the required screen -- *zeller-customers-design.png*.
2. GraphQL folder with queries.
3. Configuration file to use AWS AppSync GraphQL APIs -- *aws-exports.js*

Please send us the documentation with access to your repo such as a Github link with README. If you have any questions, kindly reach out via email on arosha@myzeller.com

Good Luck!!