

Full-Stack Engineer at Firefly – Home assignment

As a full-stack engineer at Firefly, it is your responsibility to develop and maintain APIs that enable the fetching and display of customer data. This includes querying databases and creating user-friendly interfaces for customers to access and analyze their data.

For this assignment, you are tasked with creating a simple full-stack application:

On the backend, create a **Node.js server**:

- 1 API endpoint.
- This API should return the data provided in the given [JSON link](#)
- The API should support pagination, column sorting, and page size (how many objects to retrieve in each API call).

On the client side, you are required to create a **React.js application**

- With 1 page that fetches the data from the API and displays it in a table format.
- The table should support all API features mentioned above.
- You can use any UI library you like.

Bonus – if you'd like to complete it

- Add Search input and let the users find data by a search term
- Add animations to your application
- Add the JSON to any database and connect it to your server

Key Points

- The UI matters! Your application should be beautiful, with modern, high standard design.
- Don't forget to consider edge cases – errors and not data.
- You can use any library you like – ui, state management, data fetching etc.
- This assignment shouldn't take more than 4 hours, please take it into consideration while working on it as we appreciate your time.

Delivery

- Send us a link to a public repository, with the code.
- Upload your application to a free hosting service, such as heroku, netlify, github pages etc.

Good luck!