

Full Stack Web Development Technical Assessment

Internship Level

CHALLENGE

ACME LLC company wants to create a Rest API to get their users from a Database and display them. The following is the points they want you to work on:

- Backend Rest API (Nodejs)
 - Use TypeScript or JavaScript.
 - Create one endpoint (GET /users) to list all users.
 - use the following API as database (<https://dummyjson.com/users>)
 - Optional:
 - Add search options.
 - Add 1 unit test, using the library of your choice.
- Frontend (Nextjs or Reactjs)
 - Use TypeScript
 - Integrate the Rest API you created with this Frontend.
 - Visualise users in cards, user per card.
 - List 6 users per page.
 - Use UI component library (e.g. Material UI or Bootstrap or Ant Design or Tailwind CSS, ...).

KEY CONSIDERATIONS

- We don't want perfection.
- You can change the challenge subject as you want, you just need to use the specified technologies.
- If you can't finish or create something, just explain to us how you gonna do it.
- Separate the frontend and the backend, 2 different projects.
- Add a small documentation on how to run the projects.
- Coding best practices and format needs to be respected.