

Full Stack Test Task

Task description

Implement a module that would allow a user to sign up and sign in, to the application.

Front-end development

Requirements:

- Develop the user authentication module using either the React or Vue framework.
- Design elements are open to your creativity.
- You have the flexibility to choose any additional modules or libraries (including design frameworks) if necessary.

Sign up page:

Create a signup form with the following fields: email, name, and password. After successful signup, users should be redirected to the application page.

Password requirements:

- Minimum length of 8 characters
- Contains at least 1 letter.
- Contains at least 1 number.
- Contains at least 1 special character.

Sign in page:

Create a sign-in form with fields for email and password.

Application page

Create a page displaying a welcome message: "Welcome to the application."

Back-end development

Technical stack requirements:

- Implement the back-end endpoints using the NestJS framework and integrate MongoDB as the database.
- You can choose the appropriate ORM and other libraries if needed.

Notes:

- Build API endpoints to sign up and sign in users to the application, taking in the account requirements to the fields described in the Front-end part.

Nice to have

- Use TypeScript
- Implementing logging on the back end
- Following security best practices

Submission

Once completed, create a public GitHub repository and push your code to it. Share the repository link with the recruiter.

