

Full Stack Developer Technical Assessment

Overall Requirements:

- Details on how to run your web application are provided in a readme file
- Must provide a link to a public repo in GitHub or GitLab
- Functionality takes priority over design, the design of the e-mail should be basic
- Front end must be in React.js, back end must be in Node.js (TypeScript preferred for both)
- Any packages can be used to complete the app requirements outlined below
- Bonus points for automated tests

App Requirements:

- Create a RESTful API on the node.js server
- Create a new contact page at the root URL "/"
- Create a contact form component
- The contact form has the following fields and validation:
 - First name
 - Required
 - Max length of 25 characters
 - Last name
 - Required
 - Max length of 25 characters
 - E-mail
 - Required
 - Max length of 50 characters
 - Must be a valid e-mail
 - Message
 - Required
 - Max length of 500 characters
- The form should send an AJAX request to an API that:
 - Sends an e-mail to your e-mail address, does not have to send an actual e-mail (you can use mailtrap.io for example) with the contact form data
 - Saves the contact form data to MongoDB