



Developer Pre Interview Challenge

Thank you for applying for our Developer position. Due to the difficulty in assessing candidates based upon resumes, we have developed a challenge that allows us to evaluate candidates on a comparable basis. Your project will be reviewed based upon both functionality and source code. If you have any questions or comments please email or call me.

Project Outline:

Build a website contact form. Access to the form should be protected via a login screen. The form should contain fields for Name, Email and message at a minimum. Upon submit, the form should send the message to the email provided in the form, with the name as the email subject. Store the message in a database. Stored messages should be viewable via a link on the form screen.

Project Requirements:

1. Setup a free account with Amazon Web Services (AWS) (<https://aws.amazon.com/>)
2. Setup a free account with SendGrid (<https://sendgrid.com/>)
3. Setup a free account with GitHub (<https://github.com/>)
4. Build an application on AWS that achieves the Project Outline.
5. Push your code to a public GitHub repository.
6. Respond to this email with your application's URL, credentials and GitHub link.

Bonus Points:

1. Build it using <http://mern.io/> in <https://www.docker.com/>.
2. Secure your application with LetsEncrypt.
3. Integrate Twilio SMS messaging.
4. Allow authentication via Facebook, Google or another third party provider.