

AQ Full Stack Champion's Assessment

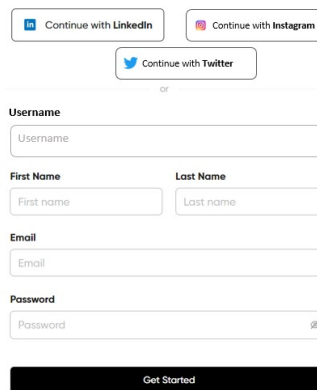
Build a comprehensive web application with the following features:
(USE ONLY MERN STACK)

Read the instructions carefully.

1. Build 2 pages web application:
 - a. 1st page for Signup and Login
 - b. 2nd to display your Resume like Profile (CRUD operations is not mandatory)

There are no limitations for your creativity, be yourself the champion as you're and feel free to build things in your own style. But make sure you cover all the points below.

2. Build page1 for signup and login with options made available via social media accounts (you can choose any one of these LinkedIn or Instagram or Twitter). Additionally, the sign-up option should include fields for username, first name, last name, email address, and password. OTP verification is not required for implementation.



The mockup shows a login/register interface. At the top, there are three buttons: 'Continue with LinkedIn', 'Continue with Instagram', and 'Continue with Twitter'. Below these is a horizontal line with the word 'or' in the center. Underneath the line are four input fields: 'Username', 'First Name' (with a sub-label 'First name'), 'Last Name' (with a sub-label 'Last name'), and 'Email'. Below these is a 'Password' field with a sub-label 'Password' and a small icon on the right. At the bottom is a black button with the text 'Get Started'.

- a. In this feature, once user logs in using a social media account, make sure the user gets their username from social media account to their profile and is auto filled.
- b. Login via social media account is mandatory for this assessment. Authenticate/integrate with any one of these social media accounts, Facebook or LinkedIn or Instagram or Twitter.

Note: If you're stuck with the chosen social media account, please try any of the other 2 options. You will need to use your personal profile and you may need to create respective social media developer accounts to get authentication tokens and follow their API documentation.

3. Build page 2, upon successful login or sign-up, users will have a resume-like profile, comprising a profile picture, username, description, email address, phone number, skills, education, and work experience fields to fill in and a button to save these inputs.
4. Please add a button anywhere in the profile named "Post MyFav Pic" which will allow users to select image and will have ability to post a picture directly from your web application to a selected social media account. This can be achieved by utilizing applicable post APIs and the authentication mechanisms provided by the chosen social media platform (LinkedIn or Instagram or Twitter). During this step you may need to re-authenticate the user with the previously logged in social media account.

Note: If you're stuck with the chosen social media account, please try any of the other 2 options. You will need to use your personal profile and you may need to create respective social media developer accounts to get authentication tokens and follow their API documentation.

5. To store user-related data, employ two types of databases: SQL and NoSQL.
 - a. Use SQL to store usernames, first name, last name, email addresses, and phone numbers.
 - b. For user profile information such as description, skills, education, and experience, use NoSQL database.
6. You are encouraged to utilize open-source libraries and frameworks as needed. However, ensure that your full-stack application is built on the following frameworks:
 - a. Frontend: HTML, CSS, and React.js.
 - b. Backend: Node.js along with frameworks and libraries of your preference.

- c. Databases: PostgreSQL/MySQL for SQL and MongoDB for NoSQL, with the option of using Mongoose as an add-on for MongoDB.

Note: Make sure you don't keep your secret key information such as clear text password and authentication token in any public repositories.

7. Once the assessment is completed, host the application on Netlify or any other platform of your choice and test your application multiple times to ensure its full functionality and reliability.
8. After completing your assessment, please drop a mail to us with the application URL for us to access your assessment.

General tips to boost your development, 1st pick the social media account you wish to integrate for authentication and posting content, create respective developer account and read their API documentation carefully. If you're stuck, then switch to a different social media platform.

NOTE: You will have 3 days to complete this assessment + an additional 2 days will be provided only with genuine reason. Please drop us a mail or call us directly if you need this additional 2 days to complete the assessment.

We wish you all the very best.

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