



DevSupport Engineer - Home Assignment

Follow the questions below, and send a document back with your answers.

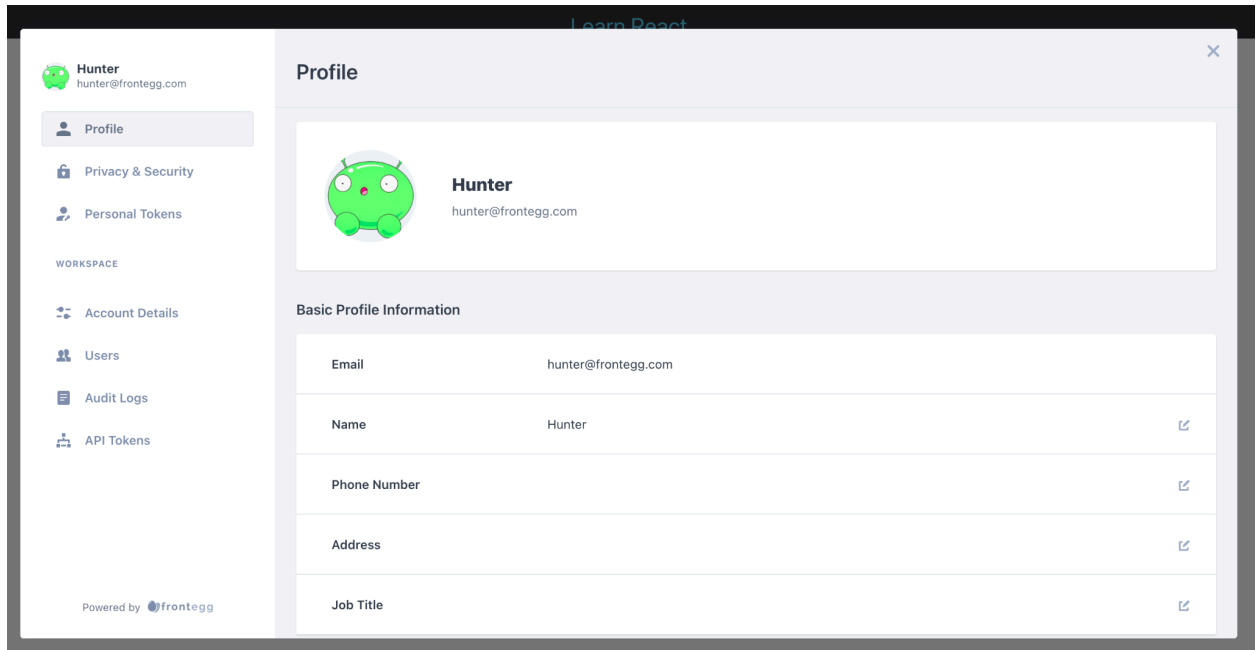
If you have any questions, please direct them to tomerrgrinberg@frontegg.com

P.s. it's okay to leave some questions blank if you cannot find the answer.

1. Sign-up to Frontegg from: <https://portal.frontegg.com/signup> (please use +candidate in your mail, e.g. name+candidate@yourMail.com)
2. Basic Integration & Product exploration with Frontegg
 - a. Following the onboarding, create a basic application in the Framework of your choosing (React, Angular, Vue, or Next).
 - b. Integrate Frontegg into the application. At the end of the steps, you should have your app integrated with Frontegg login and authentication model, so you should be able to sign-up
 - c. When a user is logged in, on the homepage of your application, make sure to display their profile picture and name.
 - d. Add a "settings" button and implement the admin portal. Once added, invite tomerrgrinberg@frontegg.com as a user of the tenant.
 - i. Make sure the user can only view their info, invite other users, access audit logs, & create m2m tokens.
 - ii. The user should only be able to log in with a Magic Link.
3. Extras (**not required**)
 - a. This is an opportunity to add frontegg-related pieces to your application. Here are a couple of examples:
 - i. Add a functional logout button
 - ii. Add a switch tenant drop-down - the drop-down should show a list of tenants the user is a part of. The user can select the relevant tenant and will be switched to that tenant
 - iii. Switch to deploy your application with Embedded Login
 - iv. Make the tomerrgrinberg@frontegg.com user a superuser
 - v. Setup a working social login
 - vi. Deploy your application to Staging and Production



4. Upload your application to github, make sure it is public, and send a copy to a link to the github with your response.



5. After going through the frontegg customer journey & integration, take some time and explore the frontegg portal, admin portal, and available features. Please suggest 3 items you would improve in that experience.
6. Answer some of the common questions we get from users:
 - a. For some reason when I get my invite email to my application, it redirects me to “localhost:3000” - but I didn’t set this. How can I change it?
 - b. Why don’t I see the ‘Users’ page on my admin portal (in the app settings button)?
 - Bonus: I now see the page but I don’t see the “Invite User” button, why is that?)
 - c. For some reason I don’t have the google login - why is that?
 - d. Explain what refresh tokens are and why we need them?
 - Bonus: Why am I getting a 401 error when I open my application to login? What does it mean?
 - Bonus: Explain the difference between a jwt token and a refresh token. How do they work together?
 - e. Can you please point out which API I can use to change the user's active tenant? How should one use it? (hint: check [the API docs](#))
 - Bonus - is there a way to do this through the SDK?



- f. Is there a way to block users with a certain email from signing up to a tenant? If yes, how?