

TapOnIt Frontend Tech Evaluation

The purpose of this evaluation is to have you build a small frontend application using some of the technologies we use here at TapOnIt so that we can evaluate candidates coding aptitudes on a level playing field. This will also demonstrate your ability to quickly get up to speed with Vue and Nuxt in the case that you don't have much experience with them yet. (If you already do, great!)

We don't want you to spend too much of your time on this, we know how valuable it is! The bonus items are optional but completing some (or all) will definitely set you apart from those that don't. Please don't feel like you need to build a full-fledged production ready application here.

Hosting the application is optional, but there are some free options out there to do so and it does demonstrate additional skills.

Coupon Wallet Project

Your task is to build a frontend application that displays a list of coupons in an appealing way that can be redeemed by the users. Each coupon should only be redeemable once. If you do not decide to build a backend, local state for the session duration is fine for this piece. The application will mostly be used on mobile devices so please keep mobile responsiveness in mind. Consider what the UI/UX experience should be when a user clicks on redeem, for example it would show a code or something that could be entered into a POS.

The application should be built using these technologies:

- Javascript Framework
 - We prefer you to try building the application with Nuxt 3. Here is a link to a decent crash course on the framework: [Nuxt 3 Crash Course #1 - What is Nuxt?](#)
 - Vue 3 is fine as well and will be highly considered still
 - React will still be considered as well, although we would really like to gauge your skills in the frameworks we use here at TapOnIt.
- CSS Frameworks and libraries
 - We would like you to use TailwindCSS to do the majority of the styling for your application.
 - Other CSS frameworks like MaterialUI will still be highly considered
 - If you need to reach beyond Tailwind, we would like to see some Sass being used. Scss flavor is preferred.
- Other Considerations
 - If you need some icons, we recommend fontawesome as that is our go to here.
 - Feel free to use any Nuxt modules or Vue plugins that will embellish your app!
 - You can use stock imagery like unsplash for the coupons, or maybe even generate some images using AI 🤖

Bonus Items

Here are some bonus tasks you can complete while building your frontend application. Again, we don't want this to take up too much of your time, please do not feel like you need to do all of these.

- Typescript - Vue 3 and Nuxt 3 have great support for Typescript, use it if you can!
- Animations - animations go a long way to make the UX feel fun and engaging. Use animations where it makes sense to elevate your frontend.
- Backend - while this is a Frontend position, having some full-stack capabilities can be a huge benefit. Build a backend for your application, preferably in Node.js. (note: Nuxt 3 has a server layer called nitro that you can build a backend into - totally acceptable!).
- Authentication - Add authentication to your application, gating the content until someone signs in. (you don't need a sign up page, just send us credentials if needed)
- Host your application - please don't spend money to do so, we don't expect that! There are free options out there that should be able to host your Nuxt 3 (or Vue 3) application
- Build additional feature(s) - Feel free to get creative and add additional functionality!

Deliverables

Please host your code in a public repository (Github for example).

Send us a short description of your project, a link to the code repository, and a link to the hosted app if you choose to host it. Please provide any additional details and documentation we will need to pull your code and run it locally. For example, if you build a backend with a database that needs credentials, please provide us some so we can properly test the functionality of your application.

We appreciate you taking the time to build out this tech evaluation and look forward to seeing what you come up with. Happy coding! 😊