

App assignment

The next step in the interview process is a technical discussion. To prepare for this we would like you to complete a small development assignment.

We know, we know: code exercises can be dreadful at times, may feel like a school exam and are generally stressful.... But this is not how we want it to be for you! In fact the code you will produce for this exercise is meant as a chance for you to **showcase your best self by** creating the following:

The assignment

Create a GitHub client using version 3 of their API with the following features

- Authentication
- List your repositories
- Details of individual repository

Documentation of the GitHub API can be found here:

<https://developer.github.com/v3/>

Android specifics

- Android Support Libraries
- You are allowed to use a 3rd party network library
- Test framework
- The app should compile and build in Android Studio

iOS specifics

- Feel free to use either UIKit or SwiftUI
- You are allowed to use a 3rd party network library
- Test framework

Delivery

After you have received this assignment we should agree on a timeframe for completing the task. You are of course allowed to extend the scope if you want. We don't expect you to spend a lot of time on this. Not that you are not allowed to, but rather we don't want to steal your whole weekend. The goal is to have enough code to have an interesting conversation about it, and not to have a "feature complete" app, but you should be willing to ship your code to the stores. :)

We want you to present your code in person at the interview and share the rationale behind your choices.

When you have finished the assignment we would like to receive it in a zip archive containing the following:

- Source code. Commit regularly and do not squash beyond normal “clean up WIP commits” ... commits are an interesting conversation topic!
- Documentation / ReadMe, if there is something we should know about and your thoughts on the “next steps” or improvements if you were to continue on this project.

That's it, good luck!

/Blocket's App Team