

Hypatos

Take-home Assignment for Front-end Developer

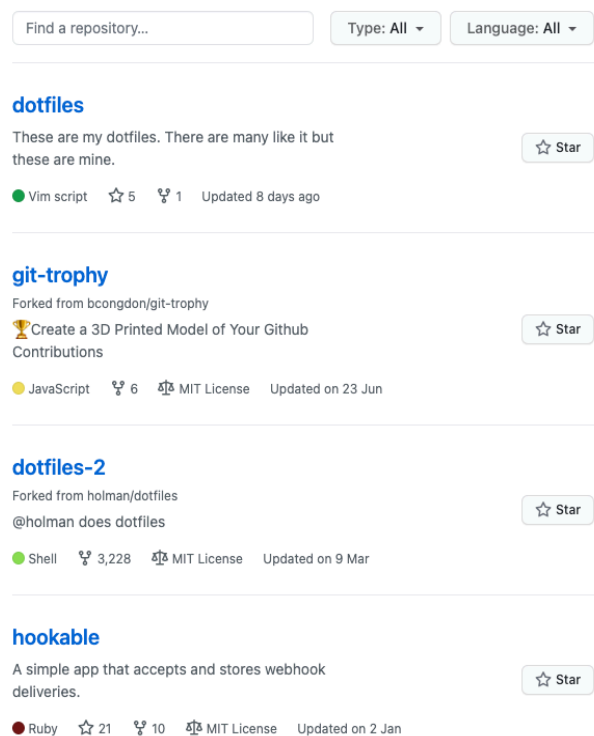
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Congratulations for getting so far in our recruitment process! With this assignment **you'll get the opportunity to show your development skills by building a small web page which lists GitHub repositories**, similar to what you can find in your GitHub profile.

Publish the code you develop for this challenge to your GitHub/GitLab account and send an email with a link to interview@hypatos.ai.

While the goal is to have a working web page fulfilling the requirements below, we really appreciate solutions that show attention to the detail. **You should also be able to present your work and discuss technical decisions in an interview**



Requirements:

- The page should list the repositories of a GitHub user fetched through GitHub public API (either REST or GraphQL).
- The list should have a search box and type and language filters; you can filter either in the front-end code or by adjusting the API request query.
- Every listed repository should have a "Star" button which allows to *star* a repository through the GitHub public API (either REST or GraphQL).
- The UI you produce should resemble GitHub design as much as possible (but doesn't need to be identical).
- The code should be well structured and available in a Git repository. It should contain basic documentation (e.g. README) and it should be possible to run it as a Docker container.
- The GitHub user to list repositories from can be either hard-coded or passed as configuration.
- *BONUS: you can setup some CI/CD pipeline (e.g. on GitHub Actions).*

Tools:

- You can use any modern frontend development tool/framework that you wish (we mostly use React at Hypatos). Use external dependencies when you believe it's appropriate.
- You can use either JavaScript or TypeScript and any styling/components library that you feel comfortable with.