Language picked: JS

During the setting up of my CI I would use ESlint with Airbnb rules (since they are one of the most popular) for linting

For testing I would probably use the framework Jest, and for end-to-end testing Cypress.

Finally, for building I would use webpack.

After quick research as an alternative to Jenkins and GitHub actions GitLab and its module of CI/CD got my attention because I’ve used it for another open course, unlike other solutions, apparently GitLab has interesting advantages on GitHub such as free private repo planning dashboard, and free integration tools ecc… + the CI/CD mo also it easily adapts to any project, regardless of the nature, architecture or languages ​​with which it is developed.

If i decide to use a cloud-based environment solution, I might be limited to using the features made available by the service manager, for example, not all the integrations i need may be available.

In the other hand Self-Hosted platforms are unrelated to "totalitarian" management by a single company that provides the services. The setup of a platform of this kind is usually entrusted to a Software House or Web Agency, a large margin of customization is envisaged.

Therefore, depending on the type of project I want to develop, the choice can vary and with it the costs, If the business requires customization, or if i have features in mind that cannot be achieved with the use of a Hosted platform, my choice will differ from the hosted type **and vice versa**. Also, because a hosted environment carries less responsibility.