

Ropstam



Interview / Trial Project

Welcome!

We are super excited about the possibility of working together. You are being shortlisted and that's why looking at your trial project. The point of this is to see how well we work together, get a sense of your code aesthetic and the pace at which you work.

THE SCOPE

Your deliverable is a WordPress plugin with the following functionality on the front end:

- 1) Add a form that can be reached at the /your-website/ permalink.
- 2) The form should ask the visitor for their name and website URL.
- 3) When submitted, that information needs to be stored as a post of a custom type called WEBSITES.

And in the back end:

- 1) Remove the ability to create new WEBSITES
- 2) In the edit screen for a WEBSITE remove all the standard metaboxes (even the publish one; you can't edit WEBSITES in any way)
- 3) Add a metabox with a textarea containing the source code of the website at the URL the user provided.

Optional features:

- 1) Using the new JSON API, allow me to query WEBSITES.
- 2) Only allow users with the Administrator or Editor roles to see WEBSITES in the admin.
And only Administrators to see the source code of the WEBSITES (Editors only see the name).

THE TIME LINE

We think this project should be done in about 8 hours.

THE PROCESS

- You'll be checking your code into a GIT repository (that you will create) to share with us. You can use GitHub or any other source code hosting provider you like.
- After analyzing the requirements, go to your lead dev with all your questions and comments, and an informal (can be just a chat if you want) proposal on how you are planning to tackle the project and architect the plugin.
- After getting approval from your lead, implement the code.
- Give status updates on Central, and ask all the questions you need to ask along the way.
- Hang out on Slack
- Challenge expectations gracefully

HOW YOU WIN

By Demonstrating:

- Proficiency using WordPress and its different APIs
- Good coding standards
- Good architecture
- Showing good judgement if there's a need to compromise either budget or scope.
- Asking the right questions
- Expert proficiency in modern PHP (5.6 minimum, 7 is ideal)

Code

- Code is well organized
- Code is commented
- Code is efficient
- Code is secure
- Uses appropriate WordPress conventions, hooks and APIs

Culture

- You communicate well
- You are on time and/or set expectation well