

Software Developer Hiring Tasks

You have to complete the tasks below based on your profile and submit the tasks through the form link below.

<https://forms.gle/GTmvtRy4MYrnX1o69>

Please make sure to send the tasks in the maximum 48 hours window when you are assigned the tasks.

Once your tasks are completed, please record a short 5-10 minutes video in Hindi/English as per your convenience explaining the tasks on how you did it and also show the final production output in the video.

You can use software like Loom/Screenpresso/Camtasia or any other screen recording software to record the video of your tasks.

If you are not able to complete both the tasks, you can submit the tasks whichever you are able to complete. But we usually hire developers who are able to complete both the tasks.

Please choose your respective tasks based on which position you are applying for.

1. PHP Developer
2. NodeJS Developer
3. ReactJS Developer

● **Applying as an PHP Developer:**

Below are your tasks:

Task 1. Execute REST APIs in Postman and share the collections.

1. Create an account on Freedcamp <https://freedcamp.com/>
2. Read their API Documentation:
https://freedcamp.com/help_/tutorials/wiki/wiki_public/view/DFaah
3. Find API endpoints to Create a Project, Create a Task, Update a Task.
4. Run them in the Postman and execute them properly.

5. Export the JSON Collection of your executed APIs and share with us.
6. We will be reviewing how you fired the API in Postman.

Task 2. Create a sample code in PHP CodeIgniter / Laravel or in Core PHP to load pagination of an array.

The pagination will be created of the objects that have been returned from the MySQL database.

You can create a sample table with records yourself in MySQL for testing purposes. The data will be returned from the MySQL database with the "Employee" table using AJAX and you will have to load new records as the user scrolls down.

- **Applying as an NodeJS Developer:**

Below are your tasks

Task 1. Create backend API in NodeJS to accomplish following tasks:

- Store product sales record with Name, Quantity and Amount in MongoDB.
- Get top 5 selling products.
- Get today's new sales revenue amount.
- Create a front end page in ReactJS to view the above backend data.

Task 2. Create a Rest API example by using any API authentication type. We want to check how you are going to safeguard the API access from the public.
