

Technical Assessment for Frontend Developer Internship (Unpaid)

Part A:

Introduction:

Welcome to the BloocodeTechnology Frontend Developer Technical Assessment. This task is designed to evaluate your proficiency in various aspects of frontend development. We encourage you to demonstrate your problem-solving skills, creativity, and attention to detail.

Task 1: Front-End Development

Requirement:

Create a responsive web page that displays a list of products.

Details:

1. Fetch Product Data:

- Use the provided JSON endpoint to fetch product data: <https://dummyjson.com/products>
- You can use the Fetch API or Axios to retrieve the data.

2. Front-End Framework:

- Utilize a modern front-end framework or library such as Tailwind CSS, React, Next.js, and TypeScript to build the interface.

3. Responsive Design:

- Ensure the design is fully responsive and looks good on different screen sizes including desktop, tablet, and mobile devices.

4. Filtering and Sorting:

- Implement functionality to filter products based on categories or other relevant attributes.
- Add sorting functionality to sort products by price, rating, or any other criteria.

5. Enhanced User Experience:

- Consider adding animations or transitions to enhance the user experience.

Submission Guidelines:

- **Code Repository:** Provide a link to a GitHub repository containing your project code.
- **README:** Include a README file with setup instructions and any other relevant information.
- **Deployment:** Deploy the application using a platform like Vercel and provide a live demo link.

Evaluation Criteria:

1. **Functionality:** Implementation of required features (data fetching, filtering, sorting).
2. **Design and Responsiveness:** Visual appeal and responsiveness of the web page.
3. **Code Quality:** Clean, well-structured, and documented code.
4. **User Experience:** Smooth interactions and added enhancements (animations, transitions).
5. **Problem-Solving:** Efficient and creative solutions to the given tasks.

Part B:

Visit Bloocode Academy website <https://academy.bloocodetechnology.com> and evaluate the website to identify 3 areas where you would make changes to improve the user experience.

Timeline:

Kindly submit your output via email to **oluyemi@bloocodetechnology.com** within 72 hours of receiving this email. Your interview/presentation will be scheduled after receiving and evaluating your submission (for successful candidates only).

Additional Notes:

Feel free to use any libraries or tools you're comfortable with.

We value your creativity and problem-solving skills. Feel free to add your personal touch to the tasks/project.

All the best!

Bloocode Technology Hiring Team