Frontend (React.js or Next.js)

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Frontend Development Internship - Take-Home Assignment

Hey there,

We're thrilled to hear that you're interested in our Frontend Development Internship! 🎉 We're on the hunt for talented React developers who can conquer the digital realm. If you're up for an exciting challenge, read on!

Assignment: "Revolutionary Reactor"

Your mission, should you choose to accept it, is to build a React web application that showcases your skills as a frontend developer. We're looking for someone who's a wizard with Rest APIs, a pro at state management, and who ideally loves test-driven development (brownie points for that!). Attention to detail is crucial as well – we want to see your magic in replicating an exact mockup.

Requirements:

1. **Rest API Fluency:**

   - Use Rest APIs to fetch and display product data on the application. The products can be anything, a country, a spotify playlist, sky is the limit. Choose your favorite API (take a look at Free APIs from RAPID API). Surprise us!

2. **Proper State Management:**

   - Utilize effective state management techniques to ensure smooth interaction and data flow within your React components.

3. **Test-Driven Development:**

   - If you're already familiar with test-driven development, go ahead and write some tests for your application. If not, no worries – you can still ace the assignment without it!
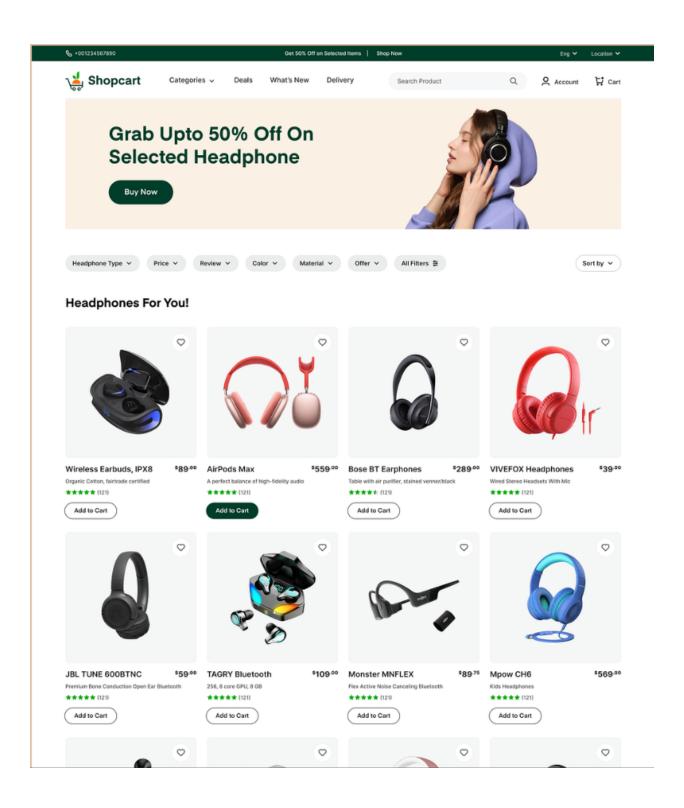
4. **Attention to Detail:**

   - Your application must replicate the provided mockup precisely. We're looking for pixel-perfect results that showcase your eye for design and dedication to accuracy.

5. **Other Qualities of a Great Frontend Developer:**
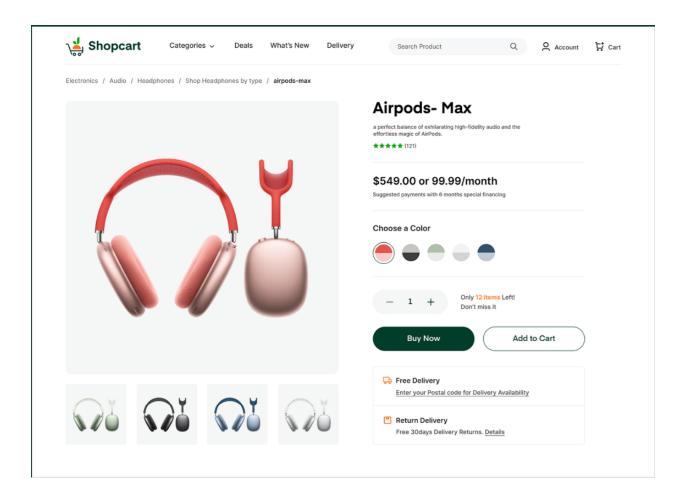
   - Ensure your code is clean, organized, and easy to understand.

   - Optimize your application for performance and responsiveness.

   - Implement a user-friendly and intuitive interface.

   - Add any additional features you think would impress us and demonstrate your creativity.

Design Mockup

Product Listing Page

Product Page

Submission:

Submit your completed assignment as a GitHub public repository link and live hosted version of the application (Check Netlify or Vercel) by 5th August 11:59 PM. Use the internshala portal to submit the assignment or send it through on careers@reachhub.co with the subject line: FRONTEND DEVELOPMENT INTERNSHIP ASSIGNMENT. Include a readme file with any instructions for running your application and any other relevant information.

Remember, we're not just looking for code – we want to see your passion for frontend development shine through! Feel free to make the app your own by adding your unique touch.

If you have any questions or need any clarifications, don't hesitate to reach out. We're here to support you throughout this exciting journey! 🚀

Good luck, and happy coding!