

Full Stack Software Engineer Internship Assignment

Thank you for your interest in our internship opening. As a next step, we are expecting you to complete a short assignment.

Assignment: Full Stack Software Engineer

Project Overview:

Create an EdTech product in 2 days. Use Figma for interface design, React and Tailwind CSS for the front-end, Firebase for the back-end, integrate multiple payment systems via open APIs, and set up analytics.

Skills Assessed:

1. Figma for UI/UX (Note: Proficiency in Figma is not crucial, so if you're not very skilled in it, that's okay).
2. React and Tailwind CSS for front-end development.
3. Firebase for back-end development.
4. Payment integration using open APIs with PayPal (Must) and second stripe.
5. Structured data for authentication.
6. Analytics setup.

Task Details:

Day 1: Design and Front-end (5 hrs)

1. Spend 1 hr on Figma designing:
 - Landing page with a clear value proposition.
 - Sign-up/login modal.
 - Payment section.
 - Coupon code
2. Spend 4 hrs developing the website with React and Tailwind CSS:
 - Reflect the Figma design.
 - Ensure responsiveness across all devices.
 - Implement sign-up/login functionality.
 - Integrate at least two different payment systems using open APIs.

Day 2: Back-end and Analytics (5 hrs)

1. Spend 2 hrs setting up Firebase:
 - User authentication.
 - Secure data storage.
 - Creating coupon code
2. Spend 2 hrs integrating the payment systems using open APIs.
3. Spend 1 hr setting up analytics with Google or Firebase Analytics.

Submission Guidelines:

Submit Figma design files and interface screenshot.

Provide a GitHub repo link for the front-end and back-end code

Provide Live/ deployed link of the website to check the flow.

Assignment deadline: July 27, 2024.