

Vasoya Brothers Infotech

MERN Stack Developer Intern Task

Thank you for applying for the MERN Developer Intern position at Vasoya Brothers Infotech. We are excited to review your skills and abilities through a practical task that encompasses various aspects of development and the MERN stack.

About Vasoya Brothers Infotech

Vasoya Brothers is a leading tech company specializing in innovative application development using the MERN stack. With a commitment to excellence and a passion for cutting-edge technology, we take pride in delivering top-quality solutions to our clients. Our development teams work on projects ranging from consumer apps to enterprise solutions. For more information about our company, please visit our website: [Vasoya Brothers](#).

Task Overview

Your objective is to create a web page that displays a list of 10 PDF files. Out of these, 2 PDFs should be unlocked and accessible to all users, while the remaining 8 PDFs should be locked and accessible only to users who have made a payment.

Technical Requirements:

Frontend: Create a user-friendly web page using React for the frontend to display the list of PDFs.

Backend: Build a server using Node.js and Express.

Database: Utilize a database (e.g., MongoDB) to store information about which PDFs are unlocked and the users who have made a payment.

User Authentication: Implement a simple user authentication system, allowing users to sign up, log in, and log out.

Payment Integration: Integrate a payment gateway (e.g., Stripe) to allow users to make payments.

PDF Viewing: Develop a feature to securely display unlocked PDFs to authorized users.

User Dashboard: Create a user dashboard where users can see their purchased PDFs and manage their account.

Security: Ensure data security and privacy by implementing appropriate security measures.

Responsive Design: Make the web page responsive for different screen sizes.

Documentation: Provide clear and concise documentation for your code.

Additional Notes:

- Ensure that the payment process is secure and user-friendly.
- Implement access control to allow only authorized users to view locked PDFs.
- Consider the overall user experience and design a visually appealing interface.
- Test the application thoroughly and fix any bugs or issues.
- Feel free to use any additional libraries or tools that you find suitable for the task.

Submission:

Please submit your project code and documentation upon completion. If you encounter any challenges during the task, do not hesitate to reach out for assistance.

This project will help you gain practical experience with the MERN stack, user authentication, payment integration, and access control, making it a valuable addition to your development skills. Good luck!