

1. Can you describe the process you followed to design and develop the website for the fictional small business?

I planned to use the MERN stack for building the website. I have used node.js for creating the backend where I can process and store the inquiry forms. I have used MongoDB for storing the inquiry request on cloud. Finally, I have made use of React and Redux for creating the front end application along with Ant Design as styling library.

2. What programming languages and technologies did you use to build the website?

Ans: Programming Languages: JavaScript

Frameworks: Node.js, React, Redux, MongoDB, AntDesign

3. How did you ensure that the website was responsive and mobile-friendly?

Ans: Ant Design mostly takes care of issues related to responsiveness of the website. I have also added limits based on screen size for adjustments.

4. Did you face any challenges during the development process, and if so, how did you address them?

Ans: I faced few issues in building the end to end form, which got resolved after taking some insights online. I also faced a few issue in making the website responsive, hence I added some limits on styling based on screen size.

5. Can you provide examples of how you used responsive design techniques to make the website look and function correctly on different devices and screen sizes?

Ans: For example: Reducing font size, adjusting text alignment, reducing padding based on various screen size.

6. Can you share any lessons learned or best practices that you followed during the development process

I faced few issue during the deployment process as I had to choose a new platform for deployment due to some reasons. This was a new learning for me. I tried to create modules as much as possible so that I don't have to rewrite the code again and again. It also helps reduce any possible errors. This practice helped and boosted my development process.