

DAY - 6 - DEPLOYMENT PREPARATION AND STAGING ENVIRONMENT SETUP

Today's task was to live the marketplace e-commerce project, managing environment variable, performance testing, creating CSV report and implementing security. Ensured that everything runs smoothly.

Deployment platform: Vercel

All day 1 to day 6 document provided in GitHub Docs folder.

Environment Variables Configuration:

Managed environment, securing api keys and sensitive data in .env file.

Staging Environment Setup:

- Deployed the application to a staging environment and test it in a production-like setting.
- Ensured perfect deployment and check the project work smoothly.

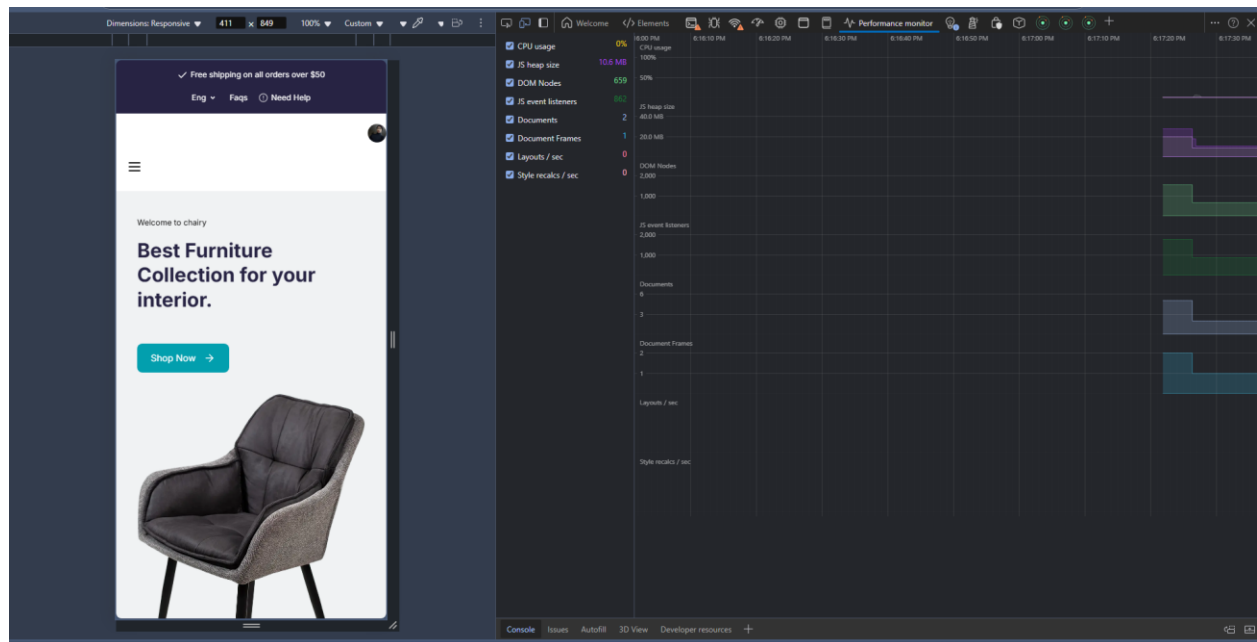
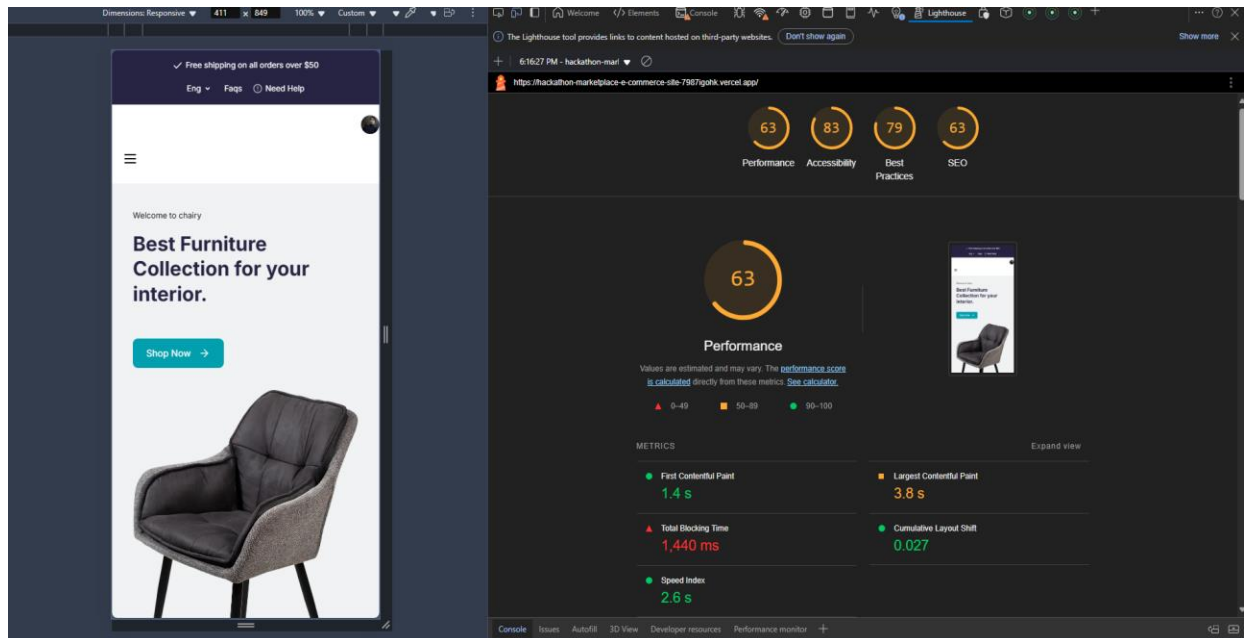
Staging Environment Testing:

- Tested the site on a production environment, tested performance e with Lighthouse and Postman to validate API responses.
- Verify the application responsiveness, results in highly responsive.
- All features were tested and found to be fully functional.
- Tested security, results in a secure site.

Performance Testing:

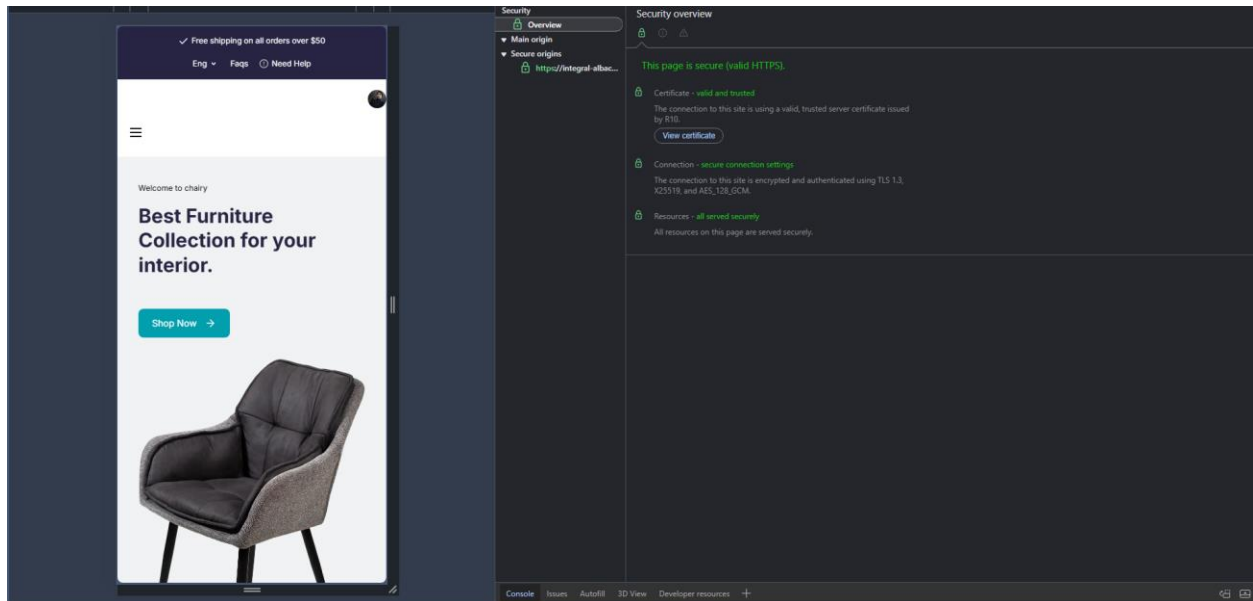
- Ensured that website runs smoothly.

- Tested speed using Lighthouse.



Security Testing:

After testing security, result in a secure site.



Challenge Faced during deployment:

This project's deployment given multiple challenges for me. One issue is that when I deploy the project, the images of the dynamic routes are not fetched. So, the solution is that adding the project URL to sanity CORS resolved the issue.

So, day 6 is now complete, and all of the documents from days 1 to 6 have been submitted to GitHub, with a link included in the form of day 6.