

Day 6 - Deployment Preparation and Staging and Environment Setup

Deployment Details:

1. Choose a Hosting Platform

We will use Vercel for deploying the application due to its seamless integration with Next.js and ease of use

Deployment Link : <https://hackathon-3-hekto-aa.vercel.app/>

Repository Link: <https://github.com/ayesha-aziz123/Hackathon-3>

Step 1: Hosting Platform Setup

1. Choose a Hosting Platform

We will use Vercel for deploying the application due to its seamless integration with Next.js and ease of use.

2. Link Your GitHub Repository

- 1. Log in to your Vercel account (or create one if you don't have an account).***
- 2. Click on the "Add New..." button and select "Project".***
- 3. Import your GitHub repository:***
 - Authorize Vercel to access your GitHub account if prompted.*
 - Select the repository you want to deploy.*

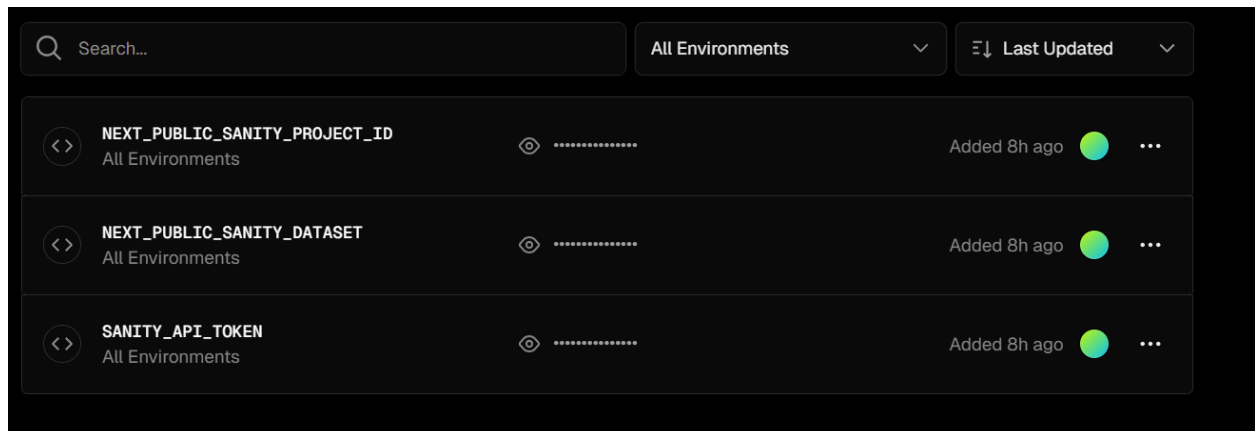
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Step2 : Configure Environment Variables

1. Add Environment Variables in Vercel

1. Go to your Vercel project dashboard.
2. Navigate to "Settings" > "Environment Variables".
3. Add the necessary environment variables one by one:
4.
 - For example:

`NEXT_PUBLIC_SANITY_PROJECT_ID=your_project_id`
`NEXT_PUBLIC_SANITY_DATASET=production`
`API_BASE_URL=https://api.example.com`



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3. Test Staging Deployment

1. Deploy the **staging** branch to the staging environment.
2. Perform all required testing (functional, performance, and responsiveness).
3. If successful, promote changes to the production environment by merging the **staging** branch into **main**.

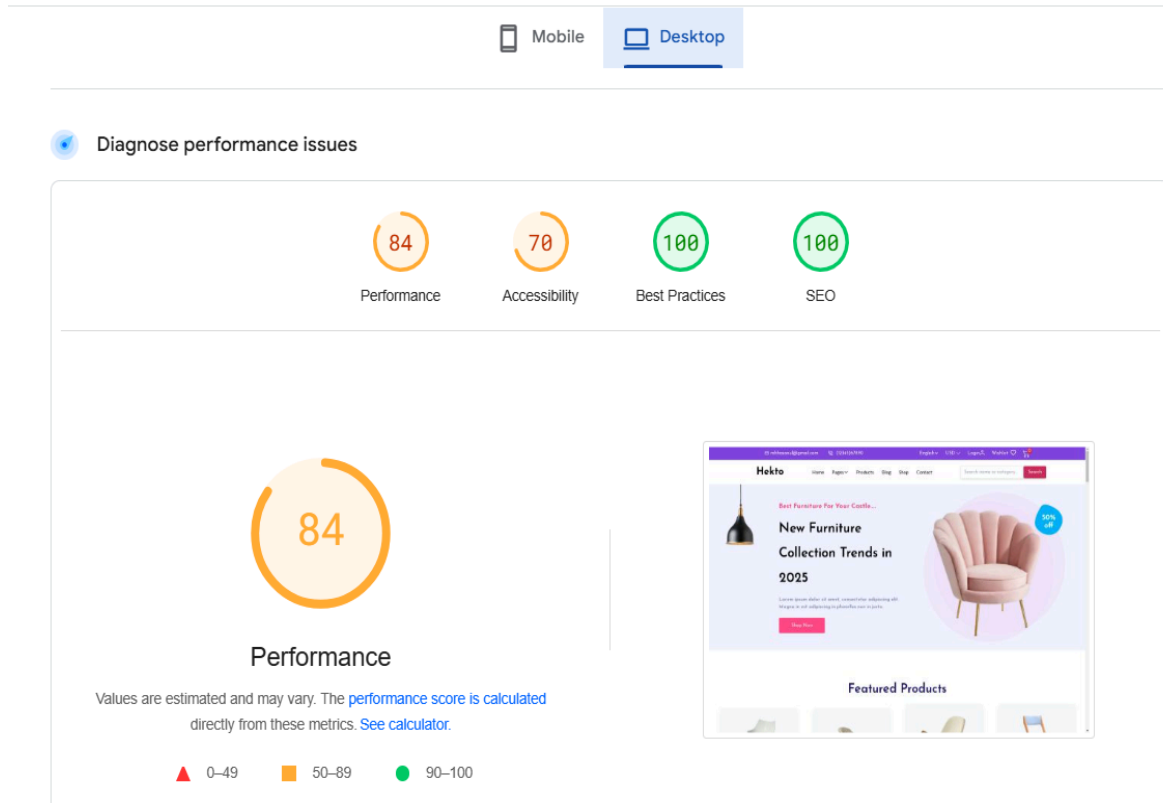
```
✓ Generating static pages (18/18)
✓ Collecting build traces
✓ Finalizing page optimization

Route (app)      Size      First Load JS
├── o /           220 B      135 kB
├── o /_not-found 148 B      88 kB
├── o /about       186 B      93.2 kB
├── f /api/updateStock 0 B        0 B
├── o /blog        3.22 kB    96.2 kB
├── o /checkout    851 B      120 kB
├── o /contact     1.6 kB     94.6 kB
├── o /demo        919 B      120 kB
├── o /faq         186 B      93.2 kB
├── o /myaccount   198 B      100 kB
├── o /ordercompleted 186 B      93.2 kB
├── o /products    220 B      135 kB
├── f /products/[id] 4.86 kB    170 kB
├── o /shop        1.66 kB    101 kB
├── o /shopleft    198 B      100 kB
├── o /shopList    2.59 kB    101 kB
├── o /shoppingCart 1.69 kB    121 kB
├── o /studio/[[...tool]] 1.27 MB    1.4 MB
+ First Load JS shared by all 87.9 kB
  ├── chunks/2117-bd0e3eb4c2940796.js 31.7 kB
  ├── chunks/fd9d1056-3e984e8fe4b03ea3.js 53.6 kB
  └── other shared chunks (total) 2.51 kB

o (Static) prerendered as static content
f (Dynamic) server-rendered on demand
```

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Performance Checking:



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