# **DAY 6-Deployment Preparation and Staging**

# **Environment Setup**

**Step 1:Hosting Platform Setup**

## **Deploy Your Project to Vercel**

### **1. Create a New Project on Vercel**

1. Log in to your Vercel account

2. Click on **New Project**.

3. Select your Git repository hosting service (GitHub).

4. Import your e-commerce project repository.

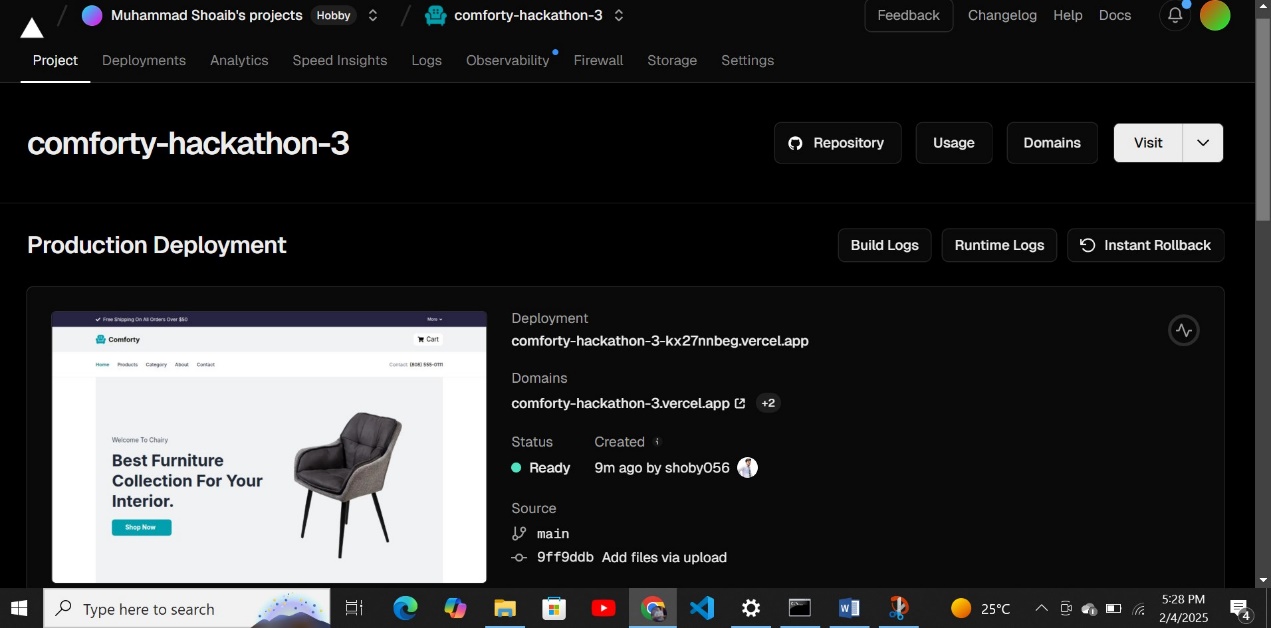
### **2. Configure Build Settings**

1. Vercel will automatically detect the framework used (e.g., Next.js).

2. Review and configure the following settings

* **Framework Preset**: Ensure the detected framework (e.g., Next.js) is correct.
* **Build Command**: Defaults are usually correct (e.g., npm run build). Adjust if necessary.
* **Output Directory**: Defaults are correct for most frameworks (e.g., .next for Next.js).

3.Click **Deploy** to start the deployment process.

****

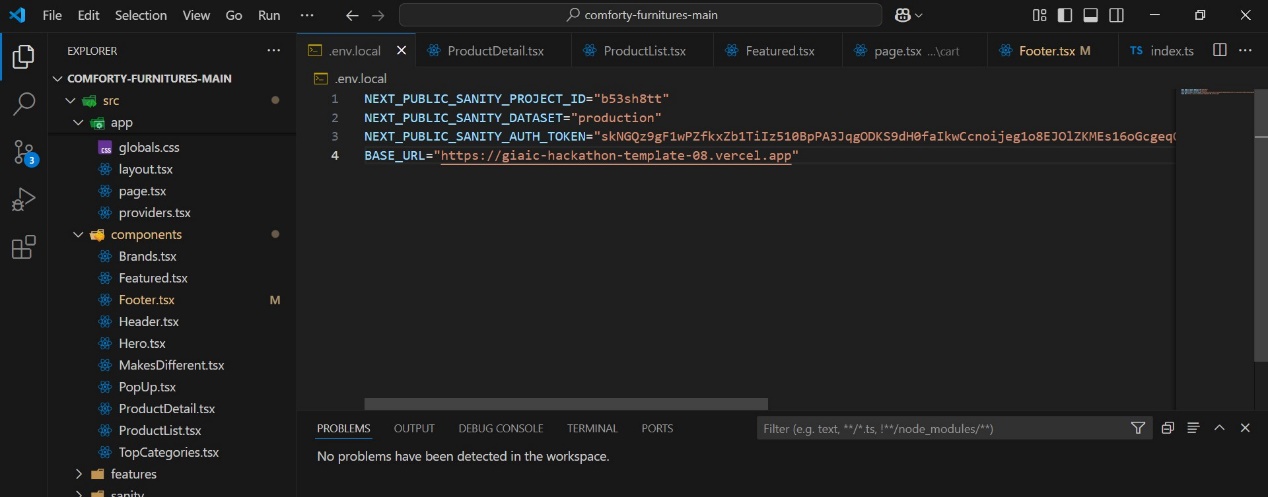
**Step 2:Configure Environment Variables**

1. **Understand Environment Variables:**

NEXT\_PUBLIC\_SANITY\_PROJECT\_ID="b53sh8tt"

NEXT\_PUBLIC\_SANITY\_DATASET="production"

NEXT\_PUBLIC\_SANITY\_AUTH\_TOKEN="skNGQz9gF1wPZfkxZb1TiIz510BpPA3JqgODKS9dH0faIkwCcnoijeg1o8EJOlZKMEs16oGcgeqQeHSh89K54dRNe39u88I2yTQn2CwWfjJBXzc9JEZZU4d7QN3tvBMH2SS63k0CeZbGFUSIADEgds8I8P3kqjjTWQlpDAWVPhfKM2SpNqBZ"

****

**Step 3:Deploy To Staging**

# Deploy to Staging

Deploying to a staging environment allows you to test your application thoroughly before pushing it to production. Follow these steps:

## **Create a Staging Branch**

1. In your Git repository, create a new branch for staging:

git checkout -b staging

1. Make any necessary changes or updates for staging.
2. Push the branch to your remote repository:

git push origin staging

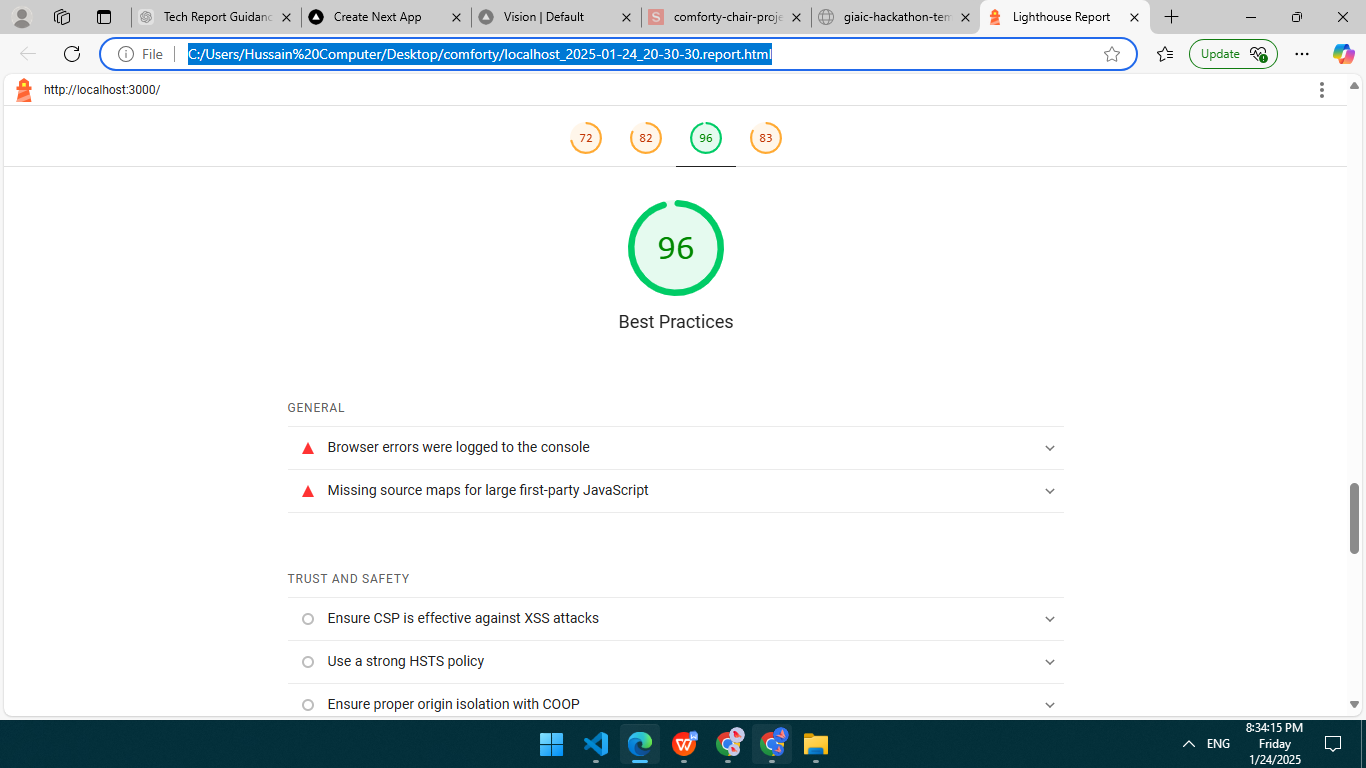
## **Set Up a Staging Deployment on Vercel**

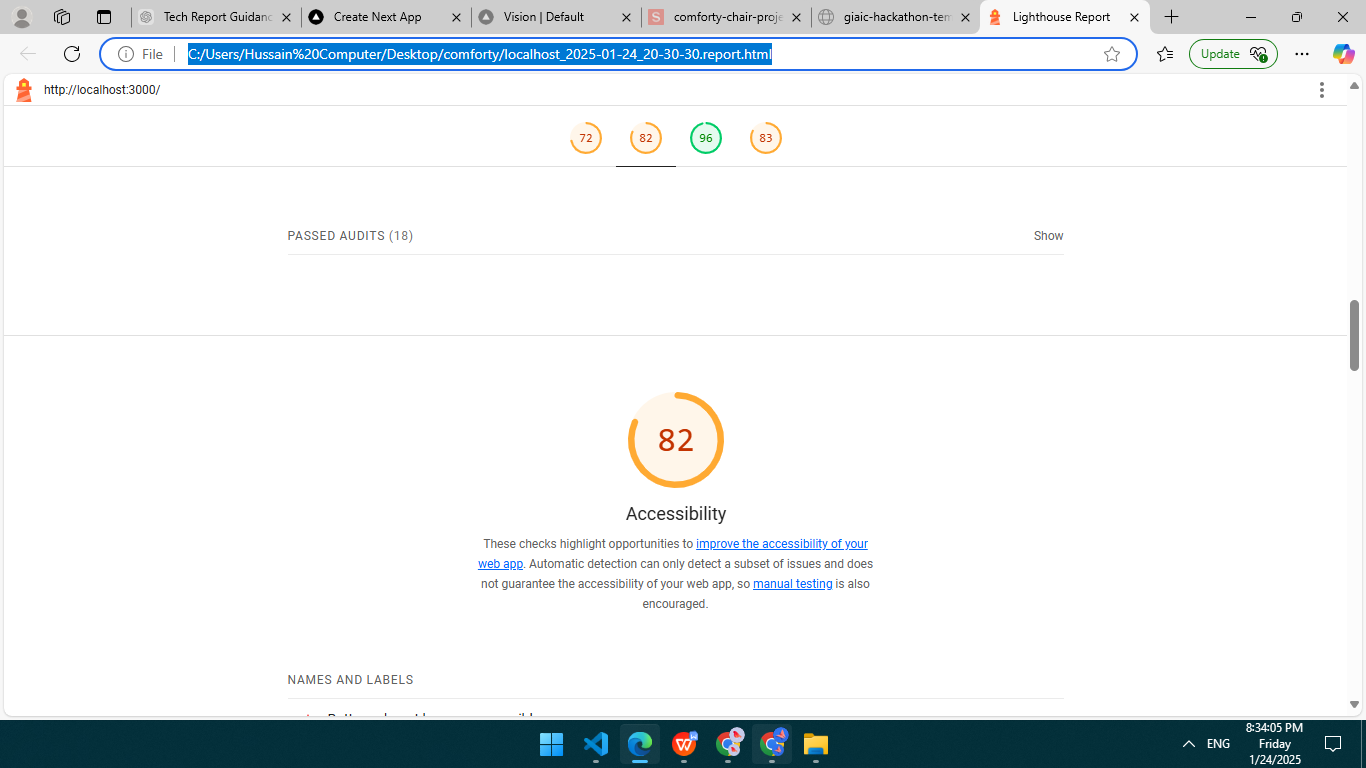
1. Go to your Vercel project dashboard.
2. Navigate to the **Deployments** tab.
3. Link the staging branch to a new staging environment:

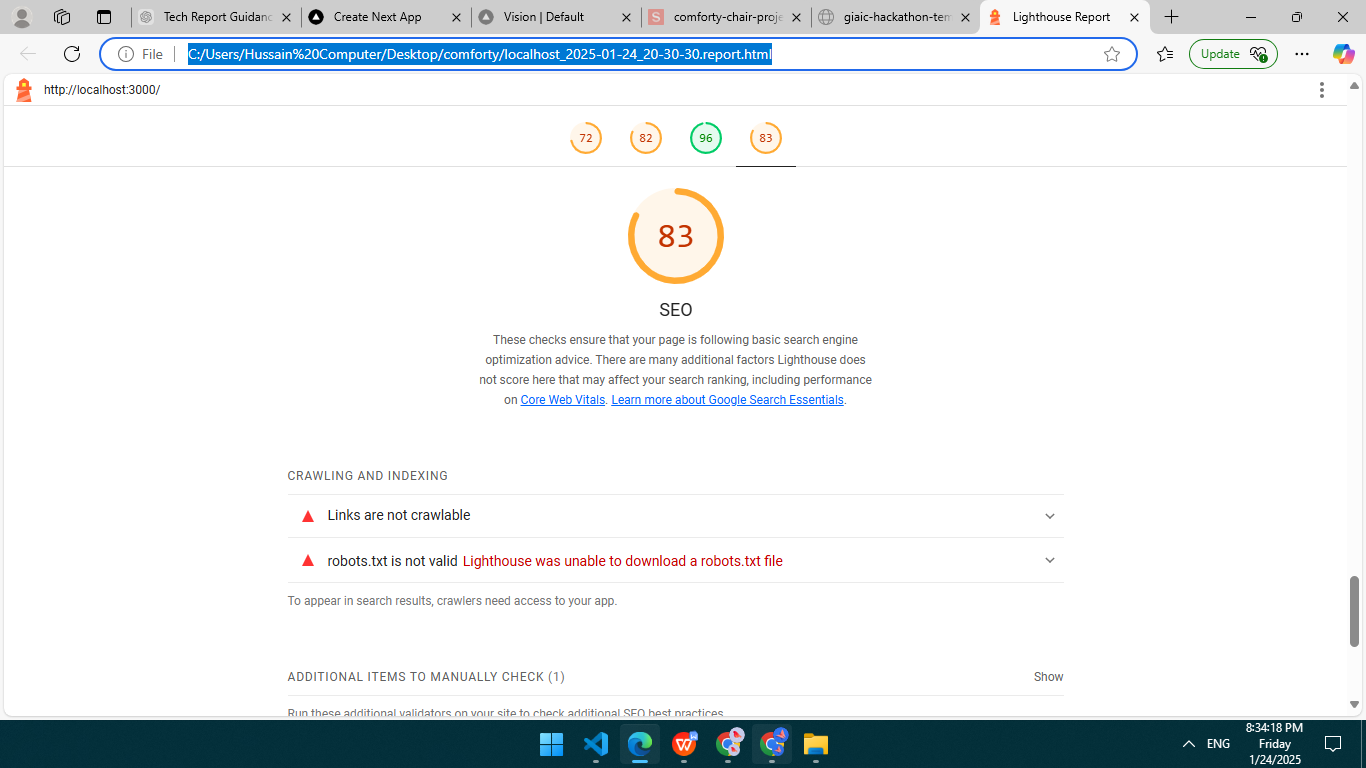
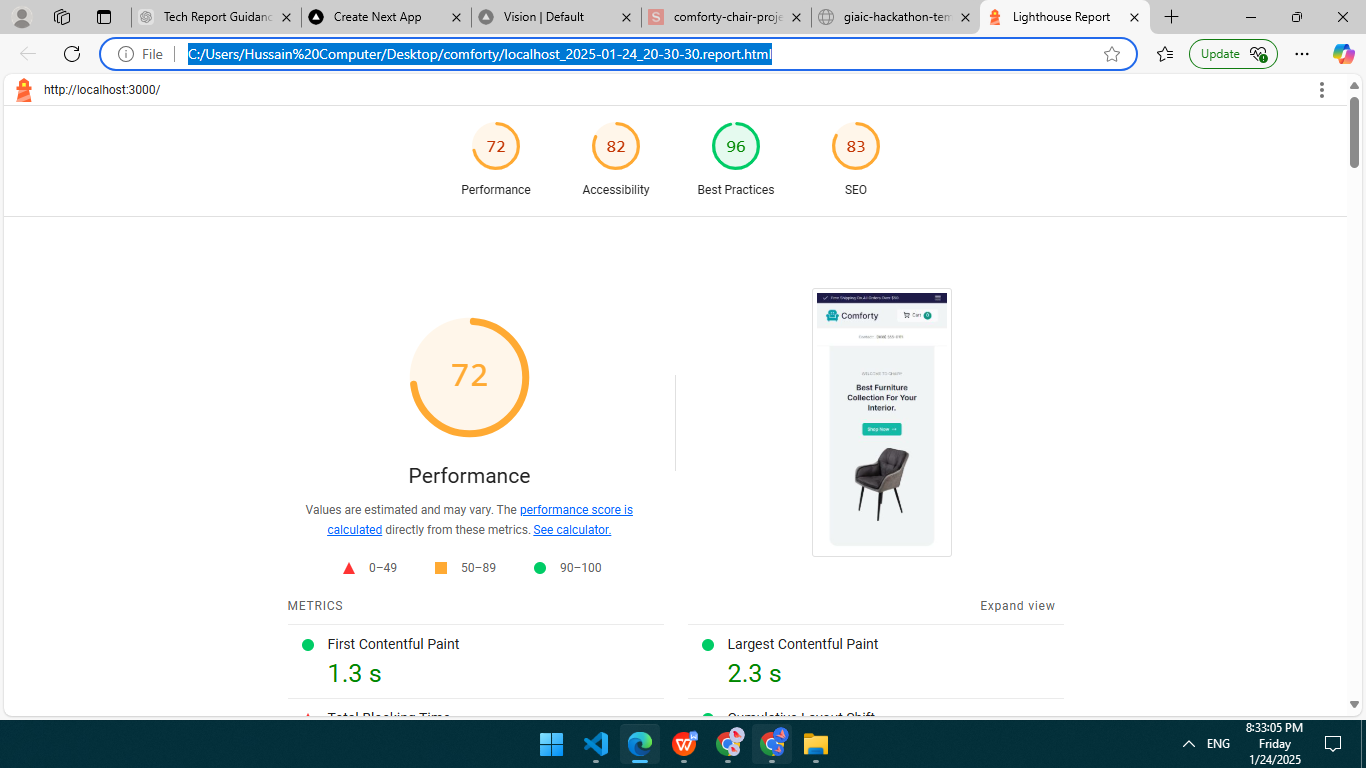
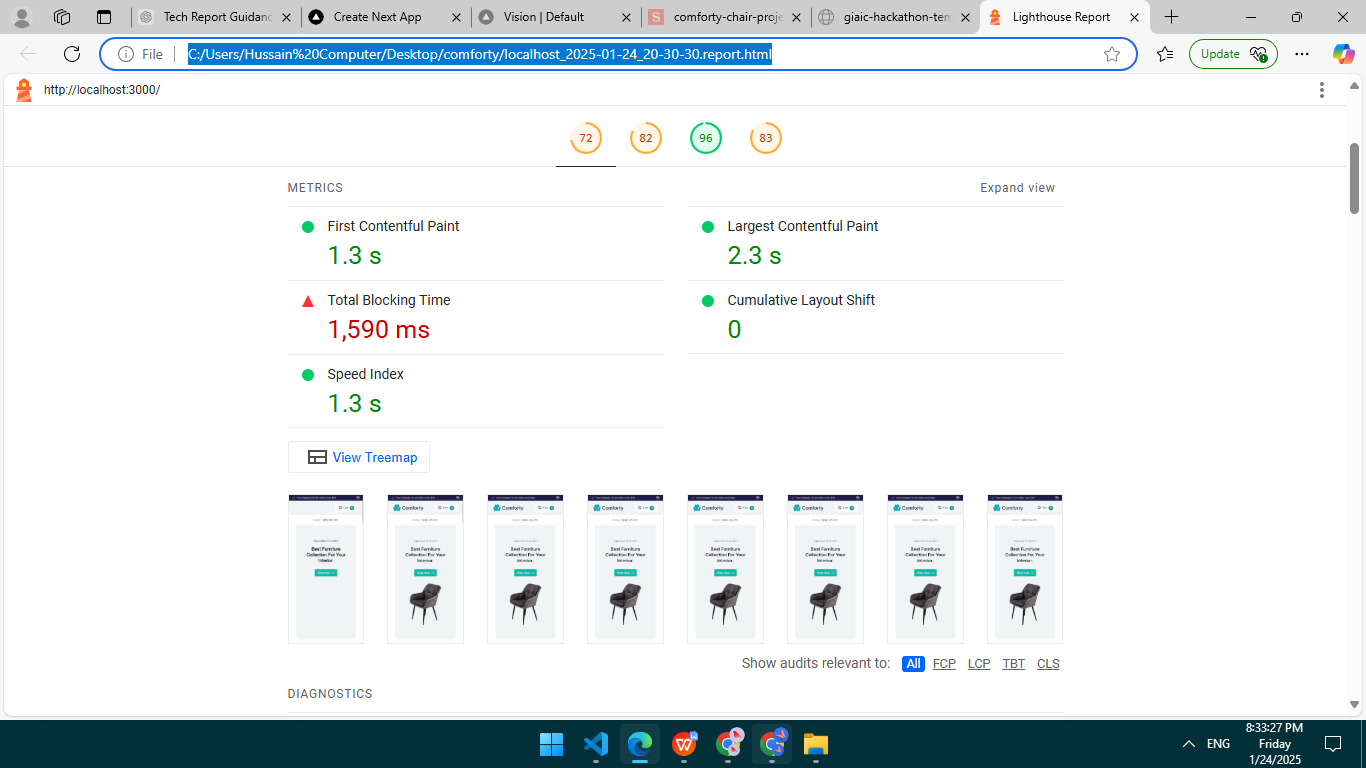
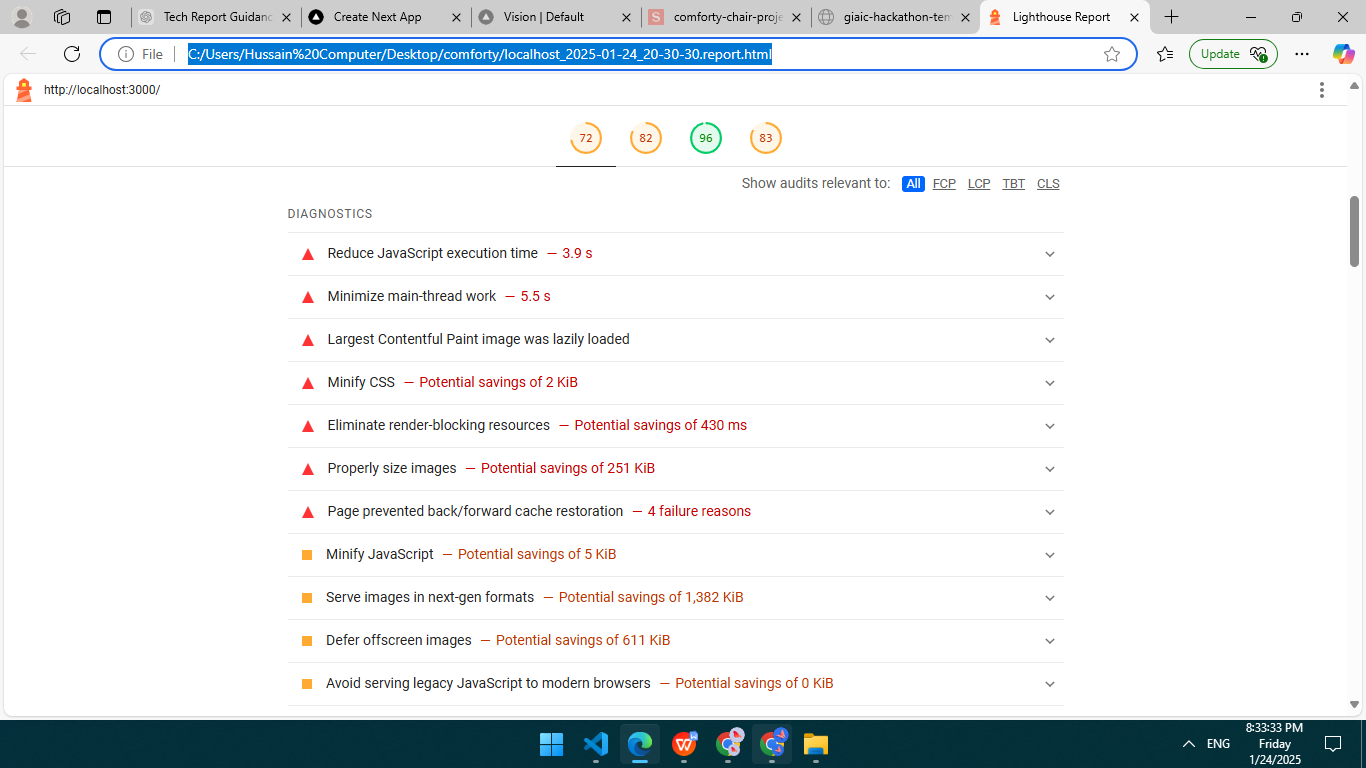
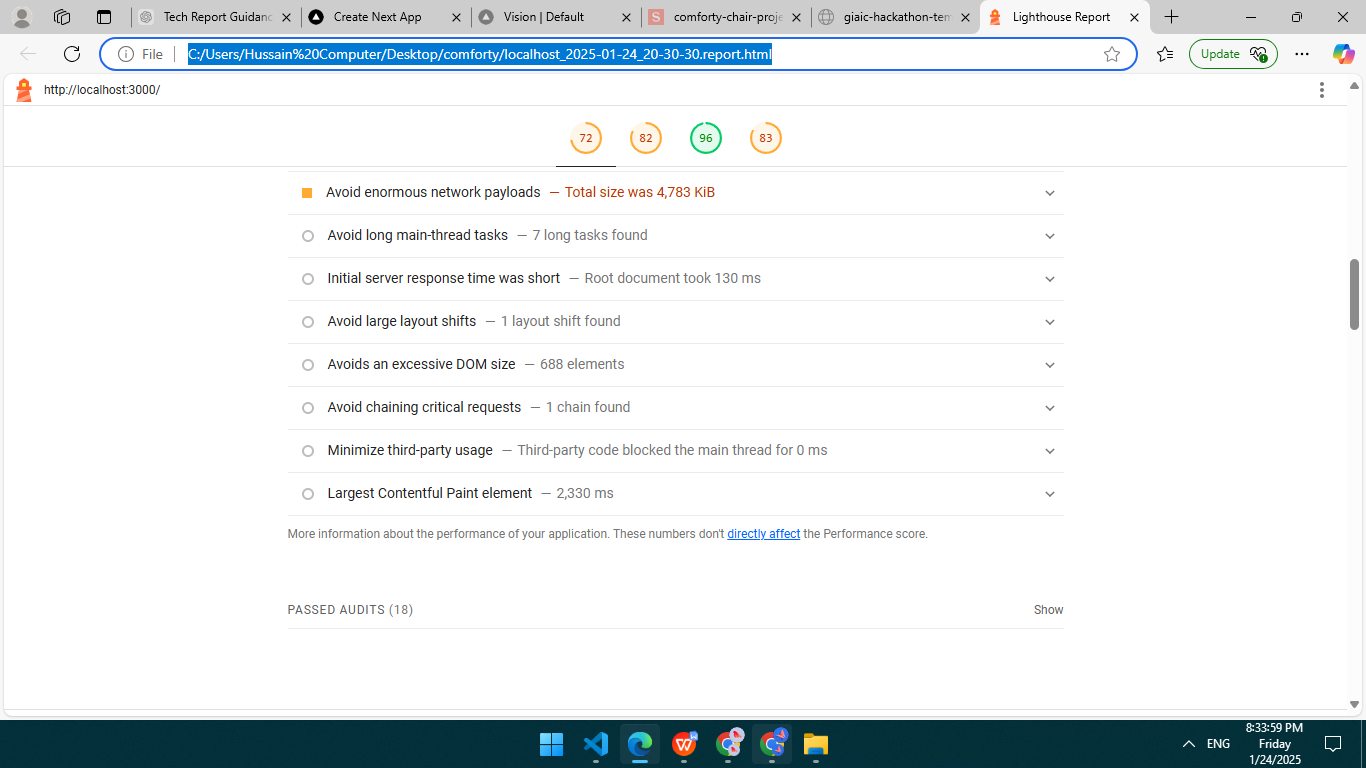
* Click **Add Environment**.
* Select the staging branch.
* Configure environment variables for staging, if different from production.

**Step 4:Staging Environment Testing**

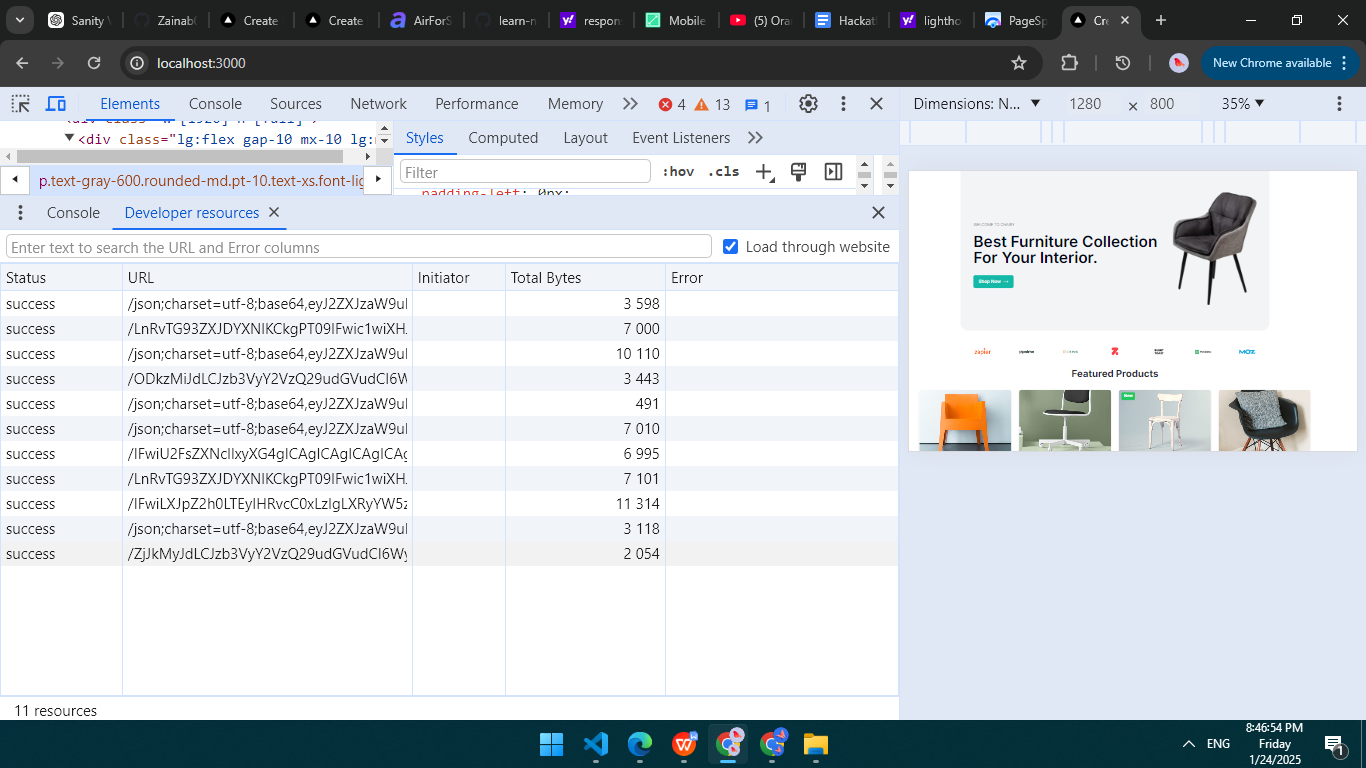
1. **Preformance Optimization:**

****

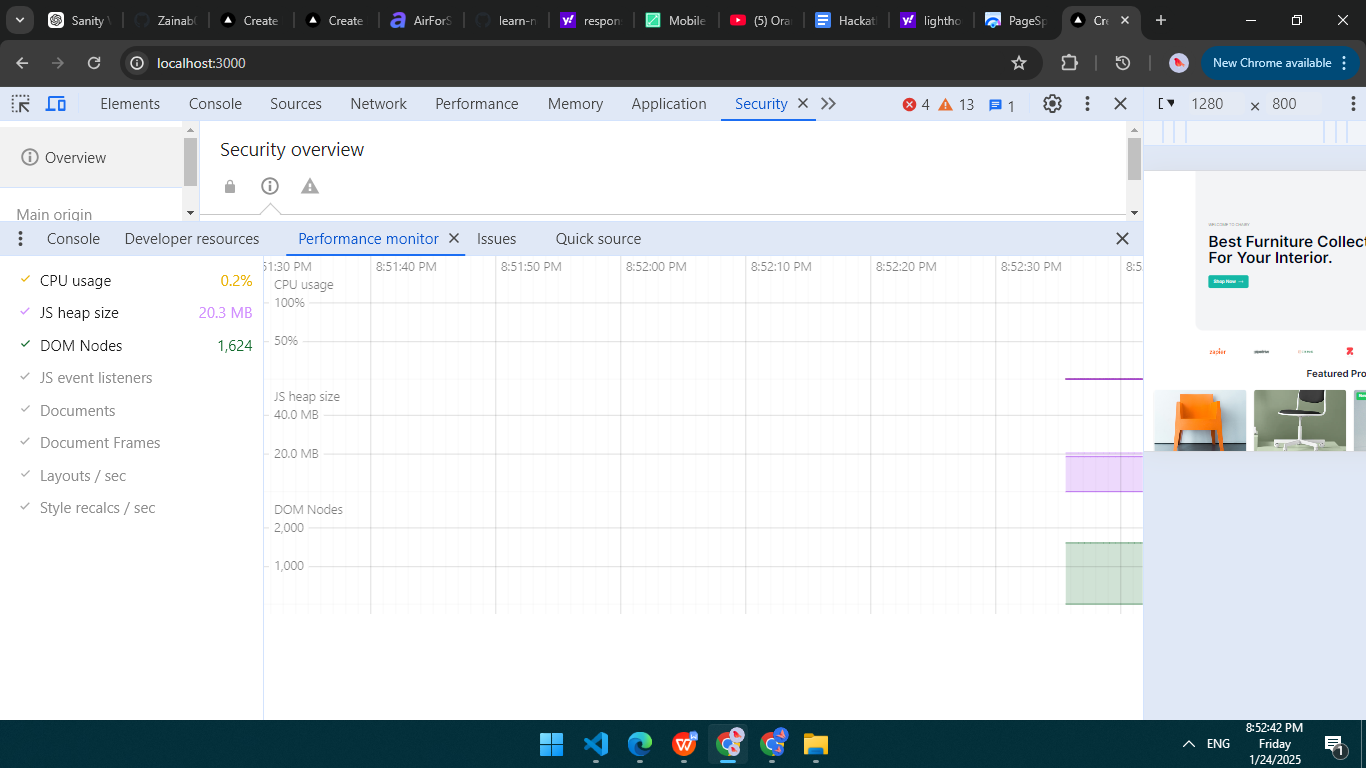
****

****

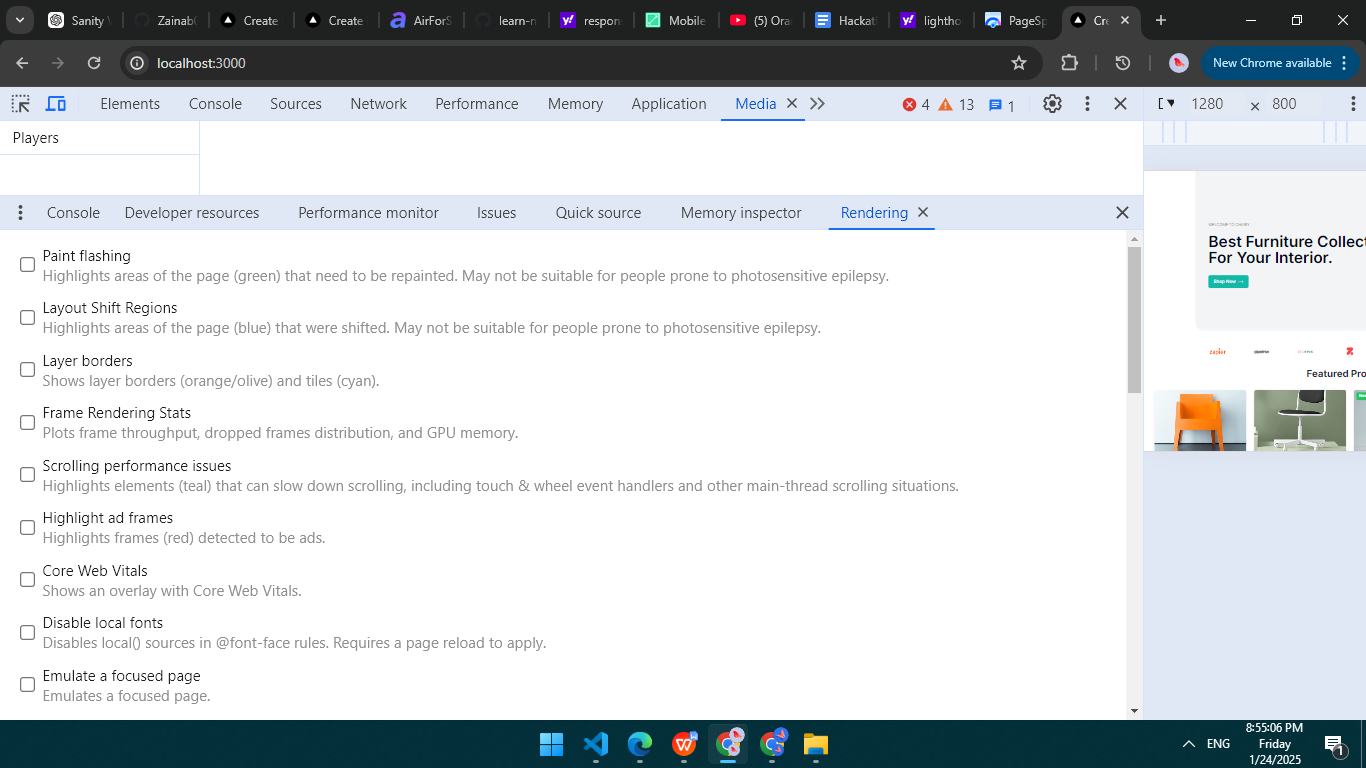
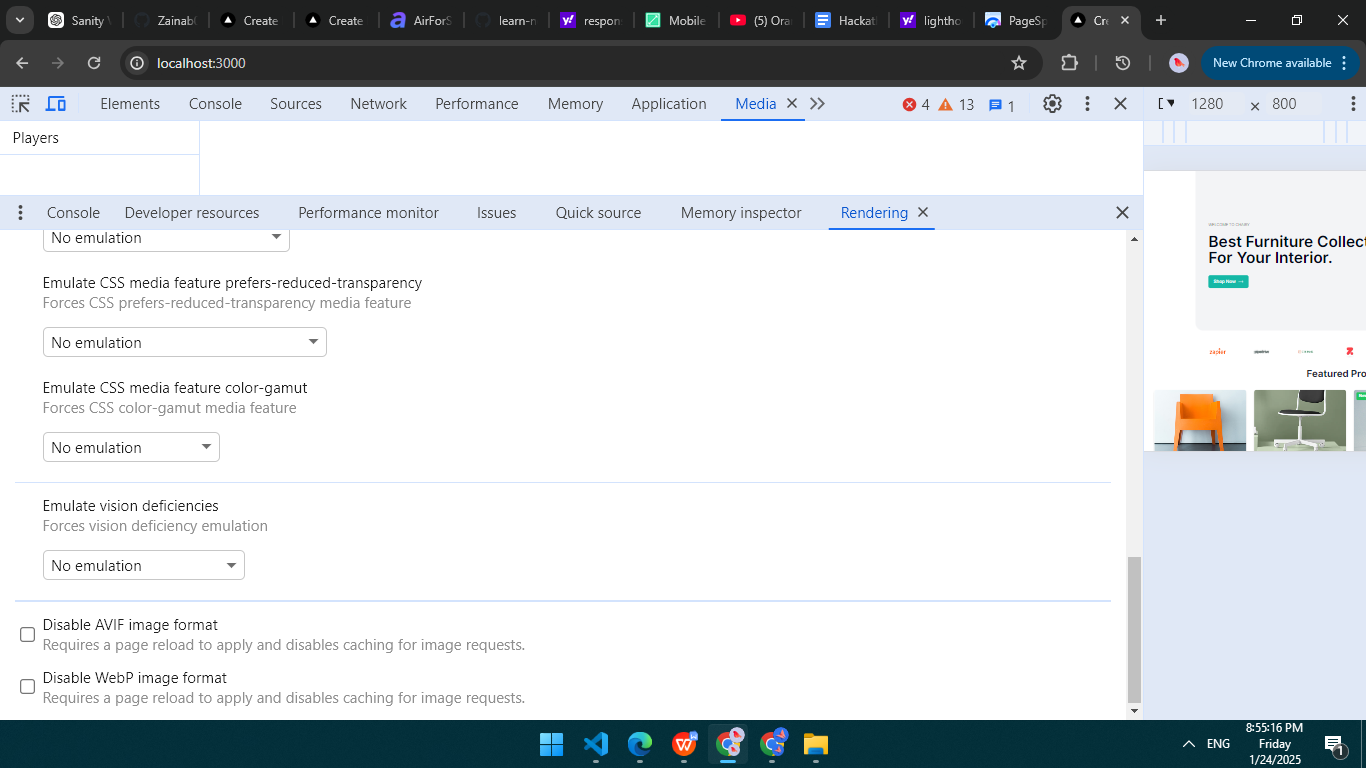
1. **Resources of Developer**

****

* **Performance Monitor:**

****

* **Rendering:**

****