GIAIC

Hackathon Day-3 Task

Api Integration project

General E-commerce website

"On Day 3 of the Technical Marketplace, we fetched data through API"

API INTEGRATION

Here are all the steps:

Step 1: Install Sanity in Next.js

- Install Sanity in your Next.js project using npm or yarn.

Step 2: Create a New Project in Sanity

- Create a new project in Sanity and generate an ID and token.

Step 3: Add Credentials to Environment File

- Add the generated ID and token to your local environment file.

Step 4: Create Schema in Sanity

- Create schema in the product.ts file using template.

Step 5: Populate Import Data File

- Populate the importData.mjs file with API data.

Step 6: Install Axios

- Install Axios in project

Step 7: Fetch Data

- Run the data fetch command in the terminal to retrieve and display the products data.

Step 8: Verify Data in Sanity

- Verify that the product data has been successfully fetched and displayed in Sanity.

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                                                                                                                                                                                              TS index.ts U JS importSanityData.mjs U X {} package.json M
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              EXPLORER
                                                                                                            TS next-env.d.ts TS product.ts U
                                                                          scripts \gt . Is importSanityData.mjs \gt \Theta uploadImageToSanity
          V OPEN EDITORS
0
                                                                               1 import { createClient } from '@sanity/client';
                       $ .env.local
                                                                                        const client = createClient({
                                                                                            projectId: 'syblhyz0',
                                                                                             dataset: 'production',
                      {} package.json M
                                                                                             apiVersion: '2025-01-13',
                                                                                             token: 'skH@uMbuAbrX5fCUWj30gHX5hJeQlVfM1b5143qcM6tOUwzx@10AeCTmoIQwt833Mr3MaHu6NvkAvwkYtqUakBGyXuOkTK08vytqPf3Ay2DEE
           ∨ DAY3- COPY
                                                                                         async function uploadImageToSanity(imageUrl) {
              > public
                                                                                                  console.log('Uploading image: ${imageUrl}');
                                                                                                  const response = await fetch(imageUrl);
                                                                                                  if (!response.ok)
                                                                                                  throw new Error(`Failed to fetch image: ${imageUrl}`);
              .gitignore
              JS next.config.mjs
                                                                                              const buffer = await response.arrayBuffer();
             {} package-lock.json M
                                                                                              const bufferImage = Buffer.from(buffer);
            {} package.json
                                                                                                 const asset = await client.assets.upload('image', bufferImage, {
             JS postcss.config.mjs
                                                                                                    filename: imageUrl.split('/').pop(),
             ① README.md
             TS sanity.cli.ts
                                                                                                  console.log(`Image uploaded successfully: ${asset._id}`);
              TS tailwind.config.ts
           tsconfig.json
                                                                                               } catch (error) {
          > OUTLINE
                                                                                                  console.error('Failed to upload image:', imageUrl, error);
          > TIMELINE
           > APPLICATION BUILDER
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