

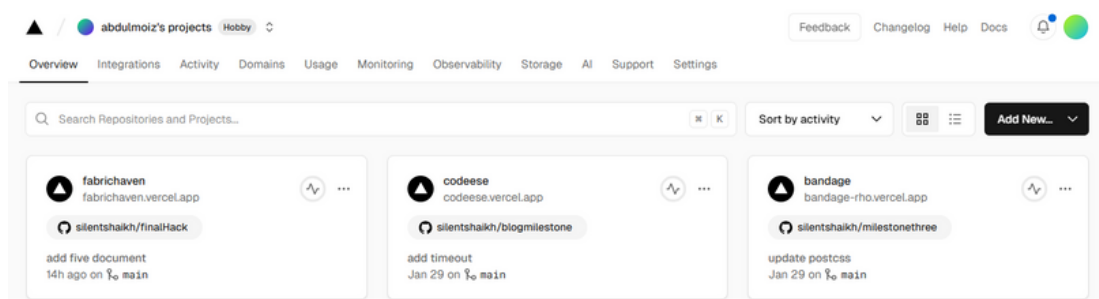
# HACKATHON DAY 06

The Goal of Day 06 is to setup our marketplace for deployment. After Day 05 , this is the last task we have to do. First of all , we need to secure all private information that anybody can't see it. And the deployment, check it multiple times to configure the performance of each action in our Market Place.

## Key Feature to Point Out :

### Platform For Hosting :

Here, we are using Vercel to deploy our marketplace. Vercel is a great option to deploy our marketplace. They have offer many services also in free plan . We need to create an account on Vercel or we can connect it with gitHub then we will deploy our marketplace.

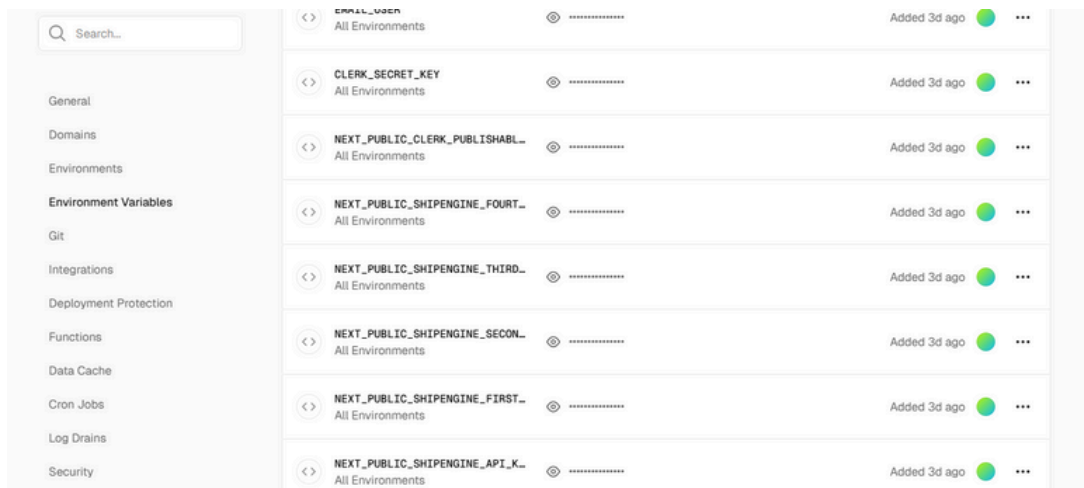


# Configure Enviroment Variable:

When developed a market place , we need to secure our private data like keys, APIs and other data, So we are using .env.local file for to save that data .

```
1 NEXT_PUBLIC_SANITY_PROJECT_ID=
2 NEXT_PUBLIC_SANITY_DATASET=
3 NEXT_PUBLIC MOCK_API=
4 NEXT_PUBLIC_SANITY_AUTH_TOKEN=
5 NEXT_PUBLIC_FABRIC=
6 NEXT_PUBLIC_STRIPE_PUBLISHABLE_KEY=
7 NEXT_PUBLIC_STRIPE_SECRET_KEY=
8 NEXT_PUBLIC_SHIPENGINE_API_KEY=
9 NEXT_PUBLIC_SHIPENGINE_FIRST_COURIER=
10 NEXT_PUBLIC_SHIPENGINE_SECOND_COURIER=
11 NEXT_PUBLIC_SHIPENGINE_THIRD_COURIER=
12 NEXT_PUBLIC_SHIPENGINE_FOURTH_COURIER=
13 NEXT_PUBLIC_CLERK_PUBLISHABLE_KEY=
14 CLERK_SECRET_KEY=
15 EMAIL_USER=
16 EMAIL_PASS=
```

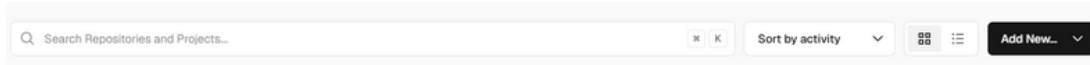
After set the env variable , so when we will host our marketplace , we have to store that env variable also in vercel because the env file will not upload on Git, vercel can't find the variable value . For that reason we also need to save the variable in Vercel



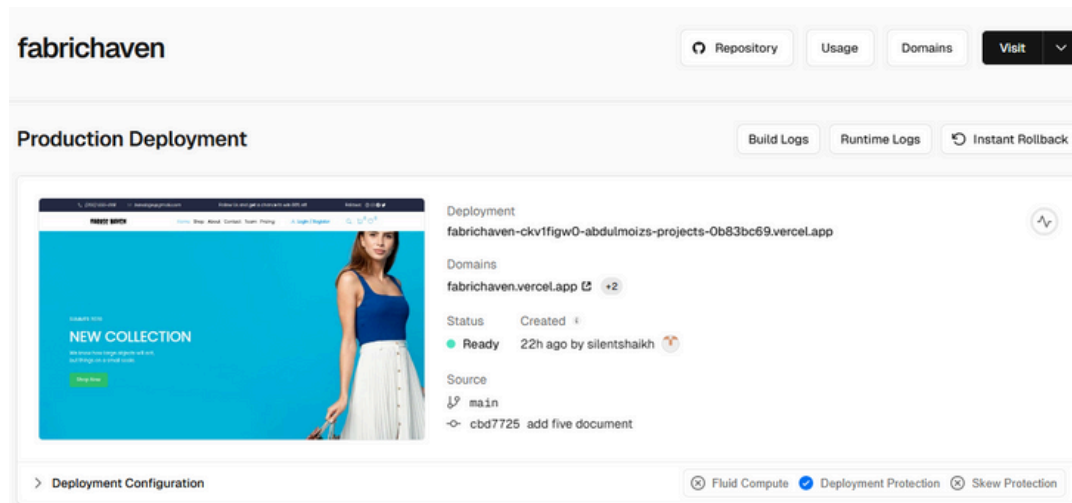
**Here , the env variable that I have saved on Vercel**

# Stage To Deploy:

Now, we have completed the process of choosing platform for hosting and also setup environment variables to working on private data securely. The next step is to set our market place for deployment.



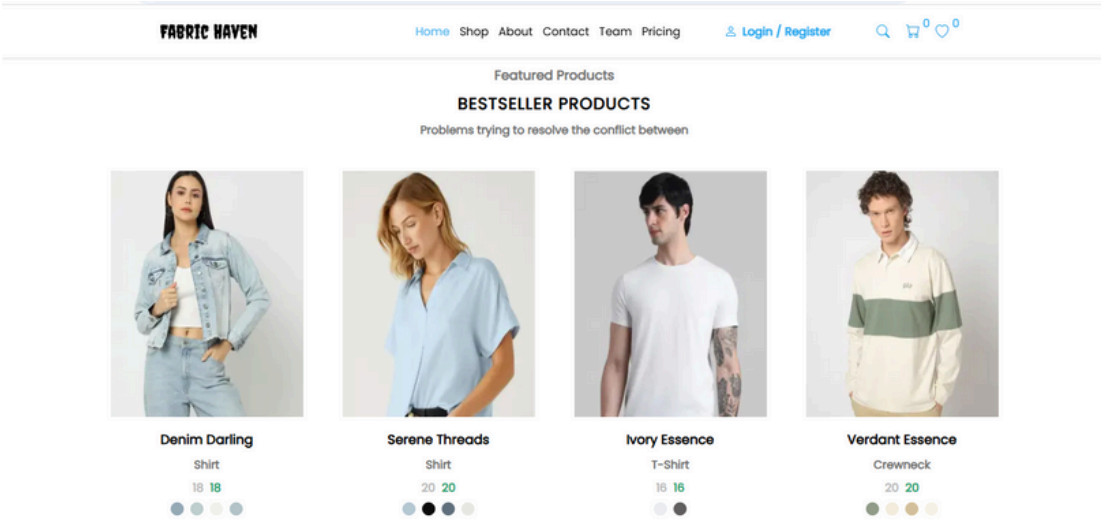
Here, we can find our marketplace for deployment then it will take some time to deploy our market place live. Vercel will check all the thing in my marketplace through eslint and if there any issue in my marketplace he will guide us that how to solve it. After that, the all progress of deployment will done and our marketplace will deploy successfully



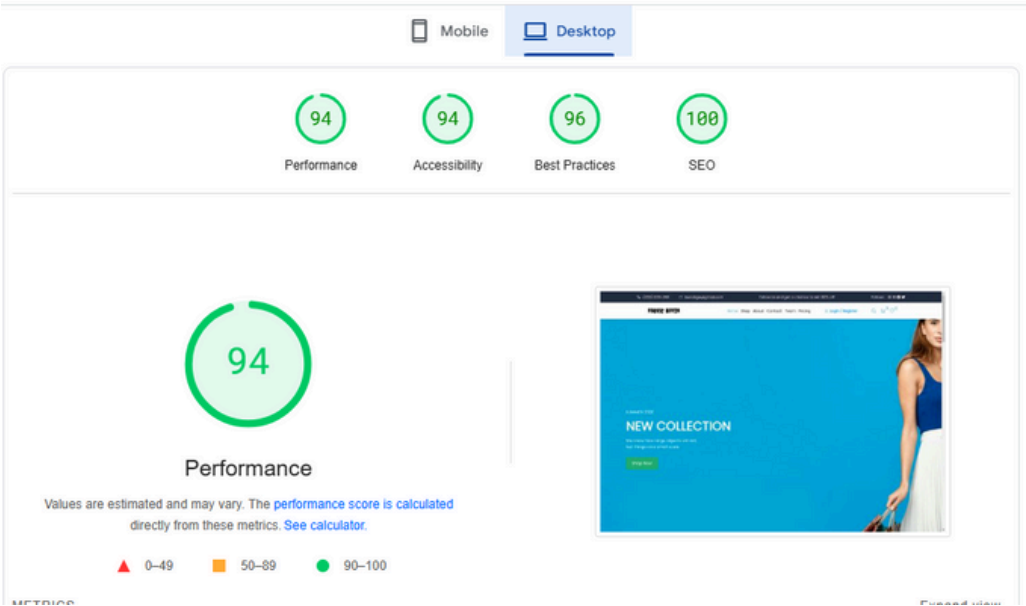
When, we were deploying it so, we were facing many issues regarding CORS origin and also facing issues on request like fetch and on that data that was write there but never be used.

# Test After Staging :

We have tested our marketplace after the deployment we have faced some issue and then we had resolved it successfully. We tested it functionally like pagination, searchbar, filter operation through category and also check cart , checkout and much more and then it is working successfully.



We have also tested our marketplace performance via lighthouse. Here it is :



After that , I have also created a CSV file regarding my marketplace :

README

Test Cases

Test Case ID	Description	Test Steps	Expected Result	Actual Result	Status	Remarks
TC001	Validate Product Listing	Open product page > Verify product	Product should be displayed	Product displayed	Passed	No issues found
TC002	Test API Error Handling	Trigger Discount API error > Refresh page	Show fallback UI with a user-friendly message	Fallback UI shown	Passed	Handled gracefully
TC003	Cart Functionality	Add item to cart > Verify cart	Cart should work perfectly	Cart works perfectly	Passed	Works as expected
TC004	Test Responsiveness	Resize window > Check layout in different browsers	Layout should adjust perfectly	Layout adjusts correctly	Passed	UI can be improved for better UX
TC005	Search Functionality	Enter product name in search bar > Verify results	Correct product list should appear	Search works correctly	Passed	Performance is good
TC006	Checkout Process	Add product to cart > Proceed to checkout	Checkout should complete smoothly	Checkout works as expected	Passed	Consider adding a progress bar

That’s the CSV file where the detail of our market place performance like how it’s work Good or Not.