

# Day 06: Marketplace Deployment

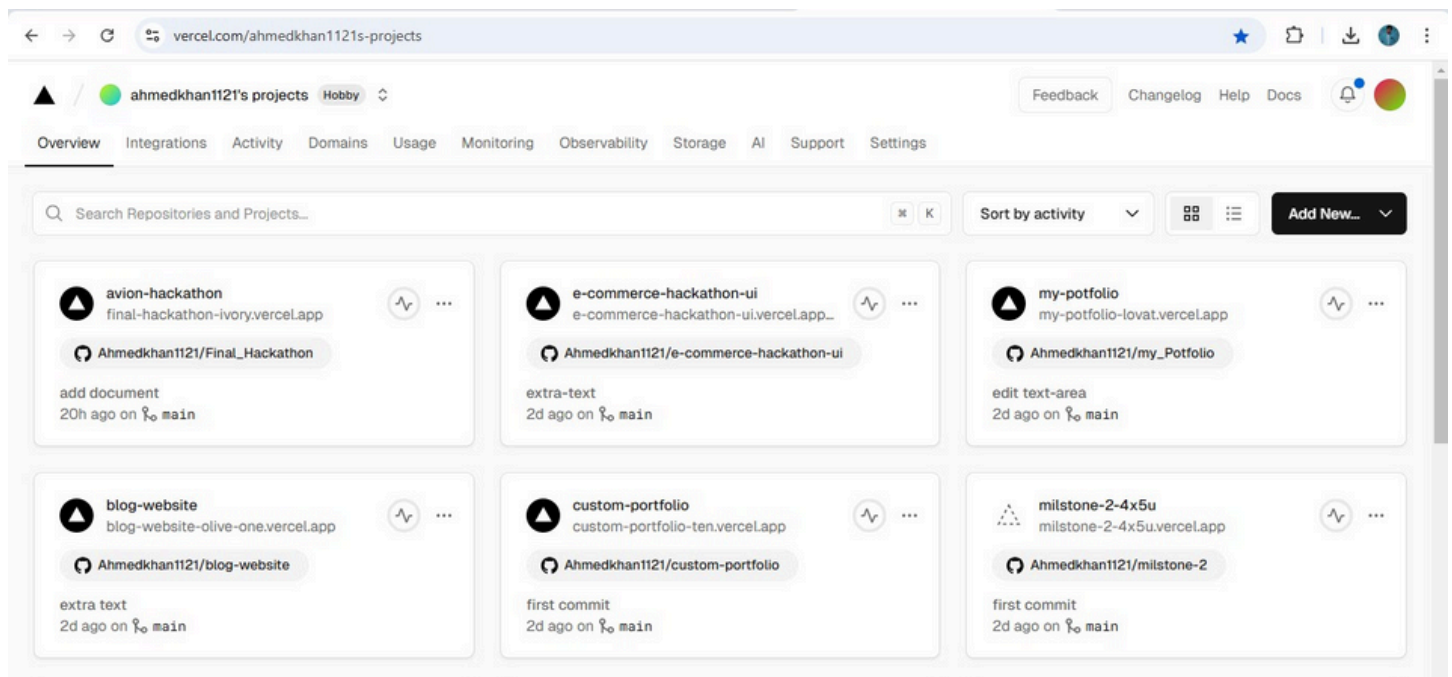
The goal of **Day 06** is to finalize the deployment of our marketplace. After completing all functionalities in **Day 05**, this task focuses on securing sensitive information, configuring the deployment environment, and ensuring the marketplace is ready for real-time traffic.

## Key Features to Highlight

### 1. Platform for Hosting

For hosting our marketplace, we have chosen **Vercel**. Vercel is a powerful platform known for its seamless deployment and fast performance, with many services available in the free plan. Here's how we proceed with deployment:

- **Step 1:** Create an account on **Vercel** or link it directly to GitHub.
- **Step 2:** Deploy our marketplace by connecting the project to Vercel.
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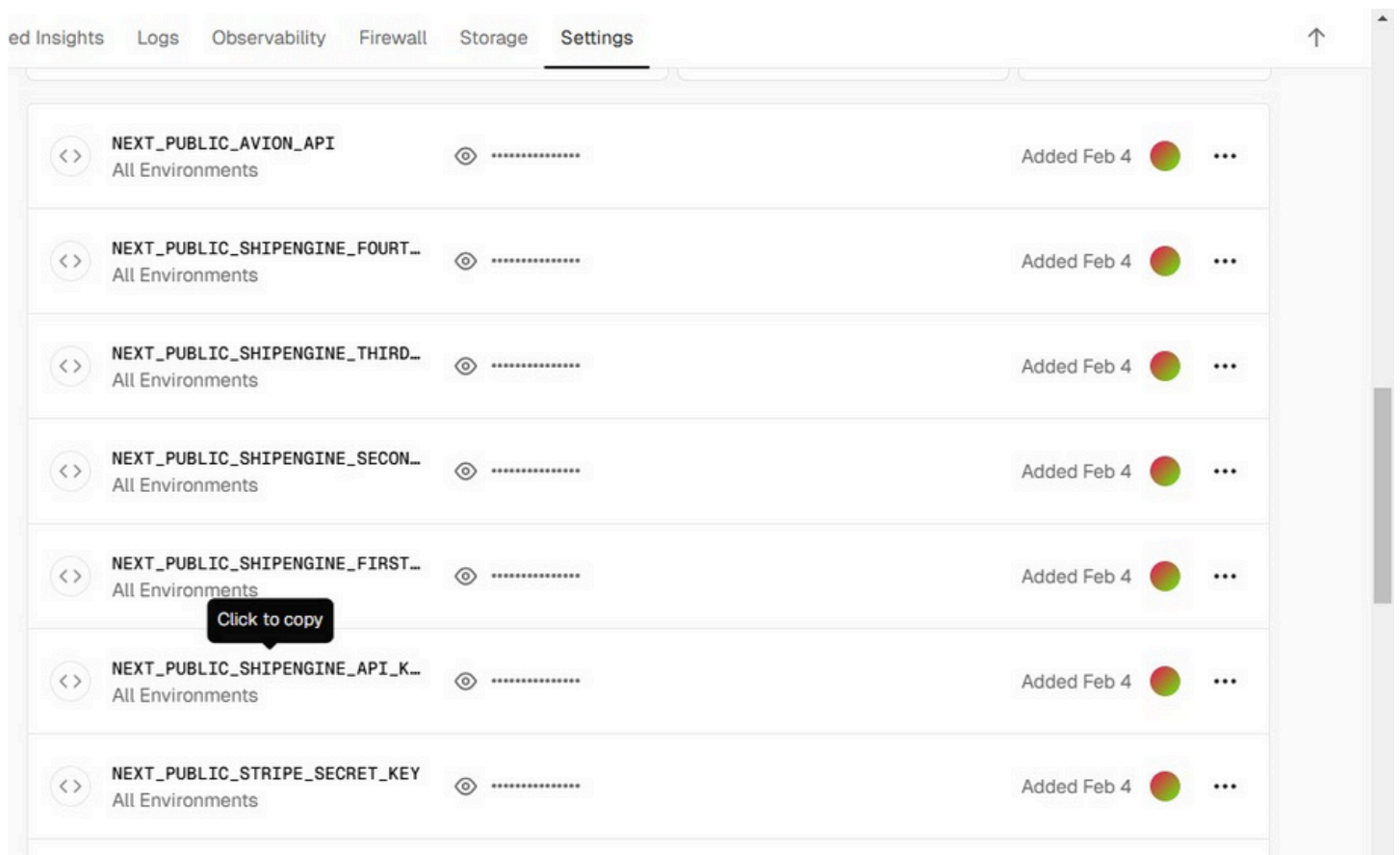


### 2. Configure Environment Variables

A crucial step in securing the marketplace is to protect sensitive data, such as API keys and other private information. We use the **.env.local** file to store these private details securely.

```
.env
1 NEXT_PUBLIC_SANITY_PROJECT_ID=" "
2 NEXT_PUBLIC_SANITY_DATASET=" "
3 NEXT_PUBLIC MOCK_API="https:// "
4 NEXT_PUBLIC_SANITY_AUTH_TOKEN=" "
5 NEXT_PUBLIC_STRIPE_PUBLISHABLE_KEY=" "
6 NEXT_PUBLIC_STRIPE_SECRET_KEY=" "
7 NEXT_PUBLIC_SHIPENGINE_API_KEY=" "
8 NEXT_PUBLIC_SHIPENGINE_FIRST_COURIER=" "
9 NEXT_PUBLIC_SHIPENGINE_SECOND_COURIER=" "
10 NEXT_PUBLIC_SHIPENGINE_THIRD_COURIER=" "
11 NEXT_PUBLIC_SHIPENGINE_FOURTH_COURIER=" "
12 NEXT_PUBLIC_AVION_API=" "
```

- After setting up the environment variables locally, it's necessary to add them to **Vercel** as well. Since the **.env.local** file is not uploaded to GitHub, Vercel cannot access the variables unless we manually add them in the platform's environment settings.



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

### 3. Staging for Deployment

Once the environment variables are configured, we move to the deployment stage. The process includes:

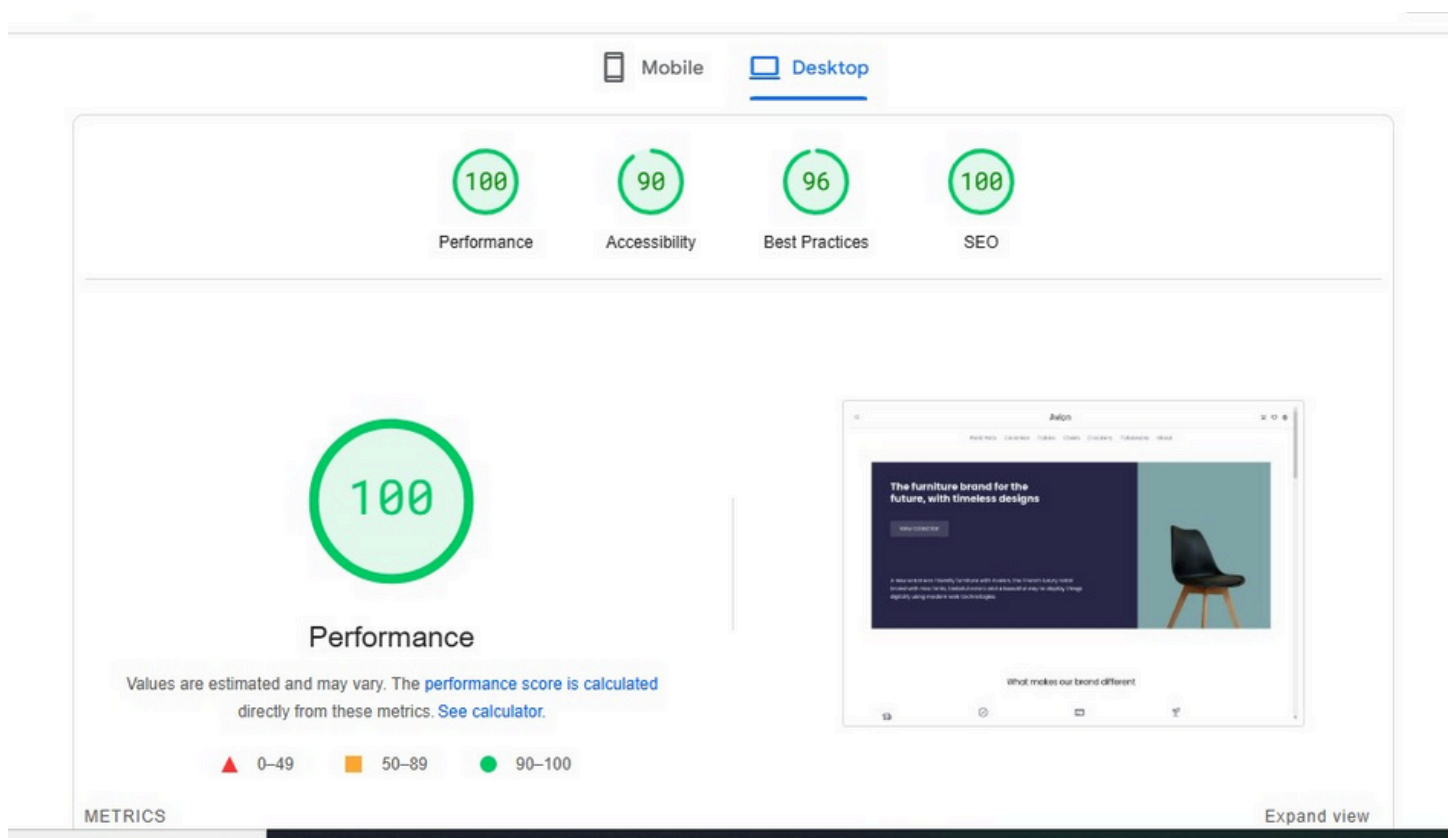
1. **Connect the Marketplace to Vercel:** Link our marketplace project for deployment.
2. **Vercel Deployment:** Vercel checks the marketplace for issues using **ESLint** and other tools.
3. **Deployment Issues and Resolution:** If Vercel detects any issues, it guides us on how to fix them.
4. **Deployment Completion:** Once the issues are resolved, the marketplace is successfully deployed live.

During this process, we encountered issues related to **CORS (Cross-Origin Resource Sharing)** and problems with **fetch requests**. These were resolved by reviewing and adjusting the configurations.

## 4. Test After Staging

After deployment, we performed several tests to ensure the marketplace functions correctly. This included:

- **Functional Testing:** Verified key features like pagination, search bar, filter operations, cart, and checkout.
- **Performance Testing:** Tested the marketplace's performance using **Lighthouse** to check load time, accessibility, SEO, and overall usability.





[https://pagespeed.web.dev/analysis/https-final-hackathon-ivory-vercel-app/64nbqutah3?form\\_factor=desktop&category=performance&category=accessibility&category=seo&hl=en-US&utm\\_source=lh-chrome-ext](https://pagespeed.web.dev/analysis/https-final-hackathon-ivory-vercel-app/64nbqutah3?form_factor=desktop&category=performance&category=accessibility&category=seo&hl=en-US&utm_source=lh-chrome-ext)

# 🔧 CSV Testing Report for Fabric Haven

This document provides a structured *test report* for Fabric Haven, ensuring functionality, error handling, responsiveness, and user experience.

## 📋 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
		Enter product		✅		