

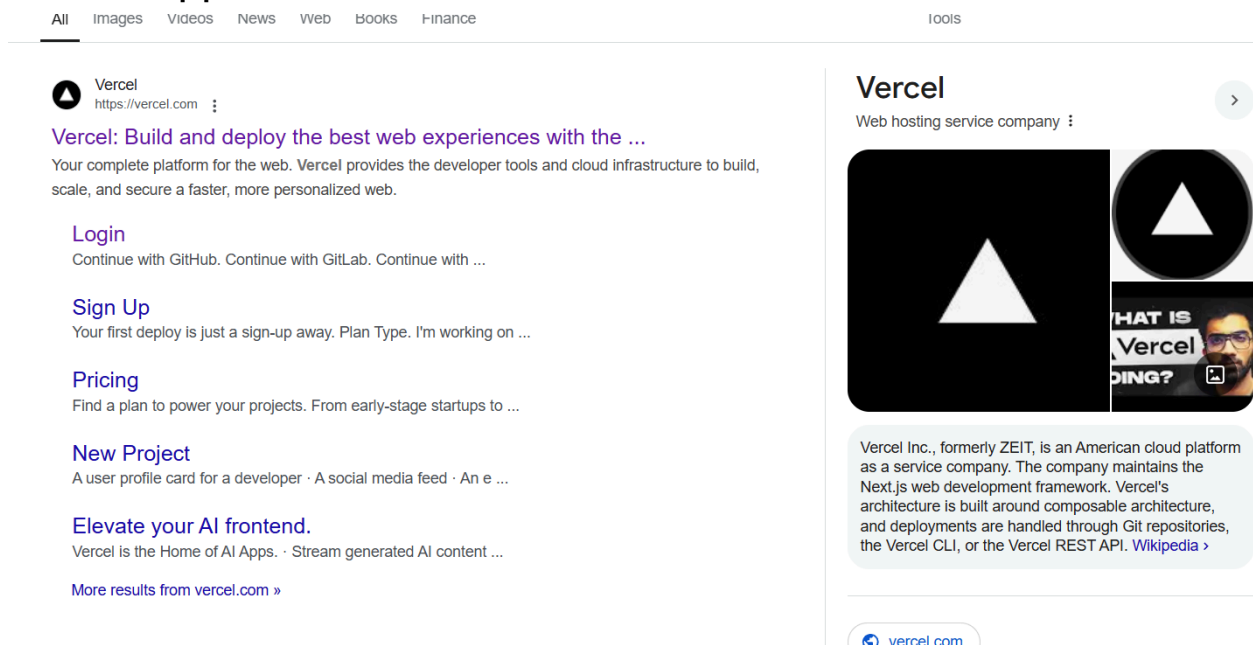
Day 6 - Deployment & Staging Environment Setup

Objective:

Day 6 focuses on preparing your marketplace for deployment by setting up a staging environment, configuring hosting platforms, and ensuring readiness for a customerfacing application. Building on the testing and optimization work from Day 5, this stage emphasizes ensuring the marketplace operates seamlessly in a production-like environment.

1. Deployment Strategy Planning

For deployment, i have chosen vercel as hosting platform . vercel offers such numerous benefits that make it an ideal choice for modern application.



The image shows a screenshot of the Vercel website and a social media-style card for Vercel. The website header includes navigation links: All, Images, Videos, News, Web, Books, Finance, and Tools. The main content area features the Vercel logo, the URL https://vercel.com, and a tagline: "Vercel: Build and deploy the best web experiences with the ...". Below this, there is a description: "Your complete platform for the web. Vercel provides the developer tools and cloud infrastructure to build, scale, and secure a faster, more personalized web." The website also has links for Login, Sign Up, Pricing, and New Project. The social media card on the right shows the Vercel logo, the tagline "Web hosting service company", and a video thumbnail with the text "WHAT IS Vercel DOING?". Below the card, there is a description of Vercel Inc., formerly ZEIT, as an American cloud platform as a service company. The card also includes a link to the Vercel Wikipedia page.

All Images Videos News Web Books Finance Tools

Vercel
https://vercel.com

Vercel: Build and deploy the best web experiences with the ...

Your complete platform for the web. Vercel provides the developer tools and cloud infrastructure to build, scale, and secure a faster, more personalized web.

Login
Continue with GitHub. Continue with GitLab. Continue with ...

Sign Up
Your first deploy is just a sign-up away. Plan Type. I'm working on ...

Pricing
Find a plan to power your projects. From early-stage startups to ...

New Project
A user profile card for a developer · A social media feed · An e ...

Elevate your AI frontend.
Vercel is the Home of AI Apps. · Stream generated AI content ...

More results from vercel.com »

Vercel
Web hosting service company

WHAT IS Vercel DOING?

Vercel Inc., formerly ZEIT, is an American cloud platform as a service company. The company maintains the Next.js web development framework. Vercel's architecture is built around composable architecture, and deployments are handled through Git repositories, the Vercel CLI, or the Vercel REST API. [Wikipedia](#)



vercel.com

2. Environment Variable Configuration

Secure API keys, database credentials, and sensitive data using .env files.

Configure environment variables in the hosting platform for secure deployment.



Importing from GitHub

 Sobansaud/Marketplace-by-soban-ecommerce  main

Choose where you want to create the project and give it a name.



Vercel Team

Project Name

 sobansaud's projects Hobby 

/ marketplace-by-soban-ecommerce-rnvk

Framework Preset

 Next.js 







Root Directory


./

Edit

> Build and Output Settings

Environment Variables

Key	Value 	
EXAMPLE_NAME	I9JU23NF394R6HH	
NEXT_PUBLIC_SANITY_PROJECT_ID	s5ixnsa	
NEXT_PUBLIC_SANITY_DATASET	production	
SANITY_API_TOKEN	skNjxuBikHqsF8scTiQBm8jJMHKR1kFBk	
<div> Add More</div>		

Tip: Paste an .env above to populate the form. [Learn more](#) 

Deploy

3. Staging Environment Setup

Deploy the application to a staging environment to test it in a production-like setting.

The deployment build completed successfully without any errors and application loaded correctly in browser.

The screenshot shows the Vercel deployment dashboard for the project 'marketplace-by-soban-ecommerce'. At the top, there's a navigation bar with links for 'Feedback', 'Changelog', and a settings menu. Below this, a header section includes the project name and buttons for 'Repository', 'Usage', 'Domains', and 'Visit'. The main section is titled 'Production Deployment' and includes buttons for 'Build Logs', 'Runtime Logs', and 'Instant Rollback'. A preview of the application is shown on the left, displaying a modern interior design with a plant and a chair. On the right, deployment details are listed: the deployment name 'marketplace-by-soban-ecommerce-jn0o8aadc-sobansauds-projects.vercel.app', the domain 'marketplace-by-soban-ecommerce.vercel.app', and the status 'Ready' created 2m ago by 'Sobansaud'. Source information shows the 'main' branch with commit 'aea1fd7'. A note at the bottom states: 'To update your Production Deployment, push to the "main" branch.' with a 'Learn More' link.

marketplace-by-soban-ecommerce

Repository Usage Domains Visit

Production Deployment

The deployment that is available to your visitors.

Build Logs Runtime Logs Instant Rollback

Deployment

marketplace-by-soban-ecommerce-jn0o8aadc-sobansauds-projects.vercel.app

Domains

marketplace-by-soban-ecommerce.vercel.app +2

Status Created

Ready 2m ago by Sobansaud

Source

main

aea1fd7 master

To update your Production Deployment, push to the "main" branch.

Learn More

4. Staging Environment Testing

To the performance of deployed application. I used lighthouse for testing my application and the test confirmed the application performance meets performance expectations.

