

Day 6 - Deployment Preparation And Staging Environment Setup

Introduction

"Today, we will deploy our project using Vercel. We'll configure environment variables directly within the Vercel dashboard. Efficient deployment is crucial—let's get started!"

Deployment Details

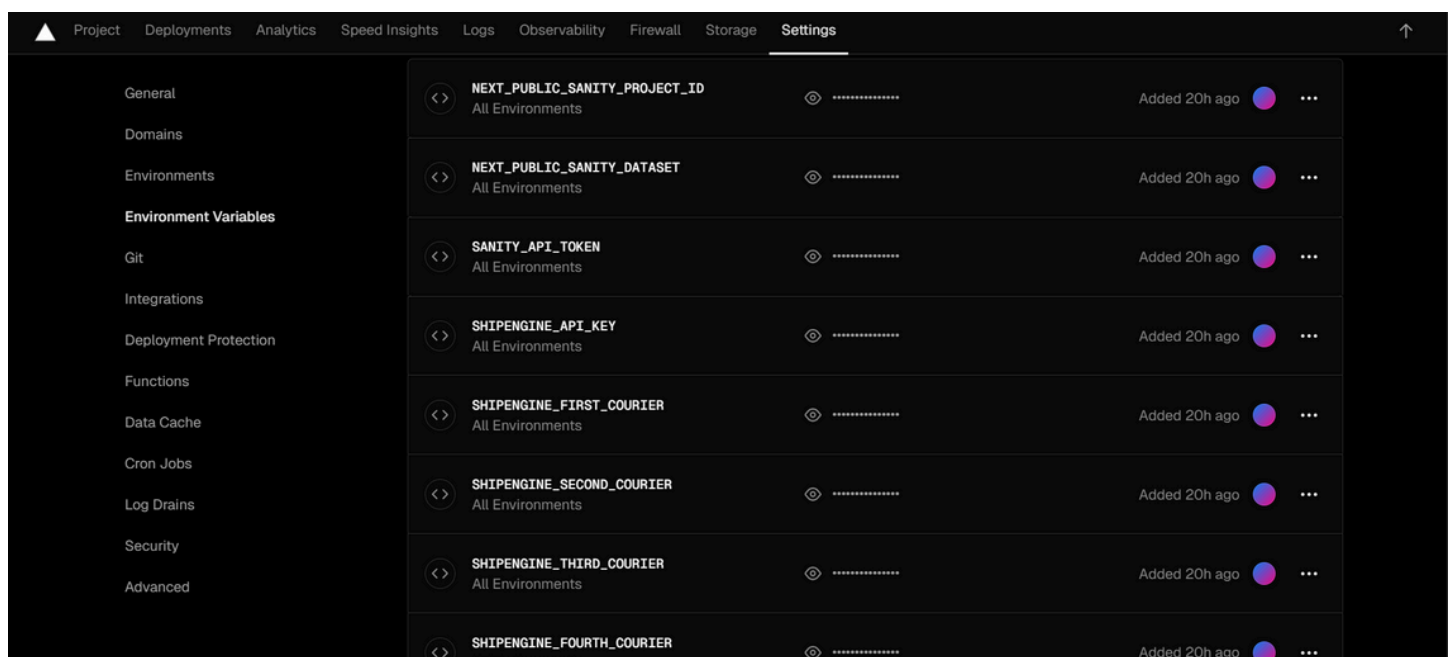
- **Deployment Platform :** Vercel
- **Create Next App**
- **GitHub - SaadAslam58/Marketplace-Technical-Foundation-Hermes**

Environment Variable Setup

Create .env if not created yet, set up the following variables

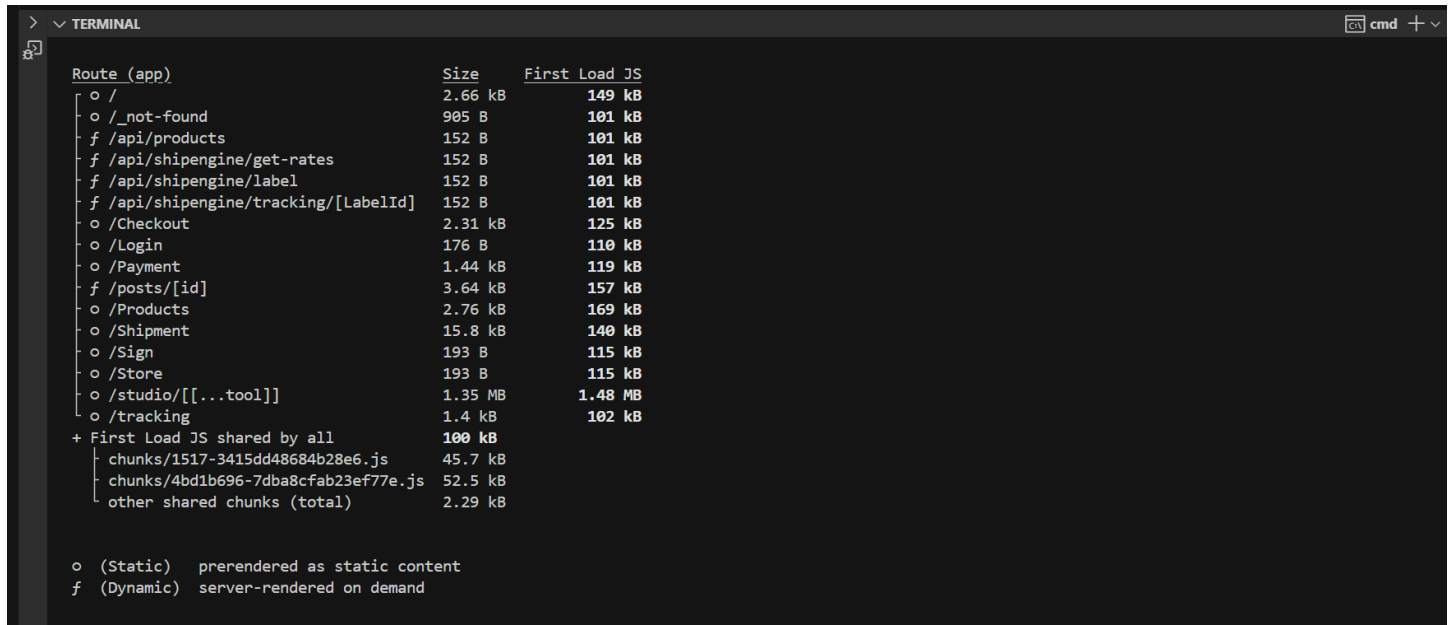
- NEXT_PUBLIC_SANITY_PROJECT_ID = Sanity project identifier
- NEXT_PUBLIC_SANITY_DATASET = Dataset name for production
- API_TOKEN_KEY = Key for third-party services

Upload the Environment variables securely to vercel



Staging Deployment

- Deploy the application to the staging environment
- Verified the build process completed successfully
- Validated that the site loaded correctly



A terminal window titled 'TERMINAL' with a 'cmd' icon in the top right corner. It displays the output of a build process, showing a list of routes and their associated sizes and first load times. The routes are categorized as static (o) or dynamic (f). The first load times are in kB or MB. A summary row shows the total first load JS size as 100 kB. Below the table, a legend indicates that 'o (Static)' is prerendered as static content and 'f (Dynamic)' is server-rendered on demand.

Route (app)	Size	First Load JS
o /	2.66 kB	149 kB
o /_not-found	905 B	101 kB
f /api/products	152 B	101 kB
f /api/shipengine/get-rates	152 B	101 kB
f /api/shipengine/label	152 B	101 kB
f /api/shipengine/tracking/[LabelId]	152 B	101 kB
o /Checkout	2.31 kB	125 kB
o /Login	176 B	110 kB
o /Payment	1.44 kB	119 kB
f /posts/[id]	3.64 kB	157 kB
o /Products	2.76 kB	169 kB
o /Shipment	15.8 kB	140 kB
o /Sign	193 B	115 kB
o /Store	193 B	115 kB
o /studio/[...tool]	1.35 MB	1.48 MB
o /tracking	1.4 kB	102 kB
+ First Load JS shared by all	100 kB	
chunks/1517-3415dd48684b28e6.js	45.7 kB	
chunks/4bd1b696-7dba8cfab23ef77e.js	52.5 kB	
other shared chunks (total)	2.29 kB	

o (Static) prerendered as static content
f (Dynamic) server-rendered on demand

It will compress the code and make your website performance better then before.

Performance Testing Report

