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!"
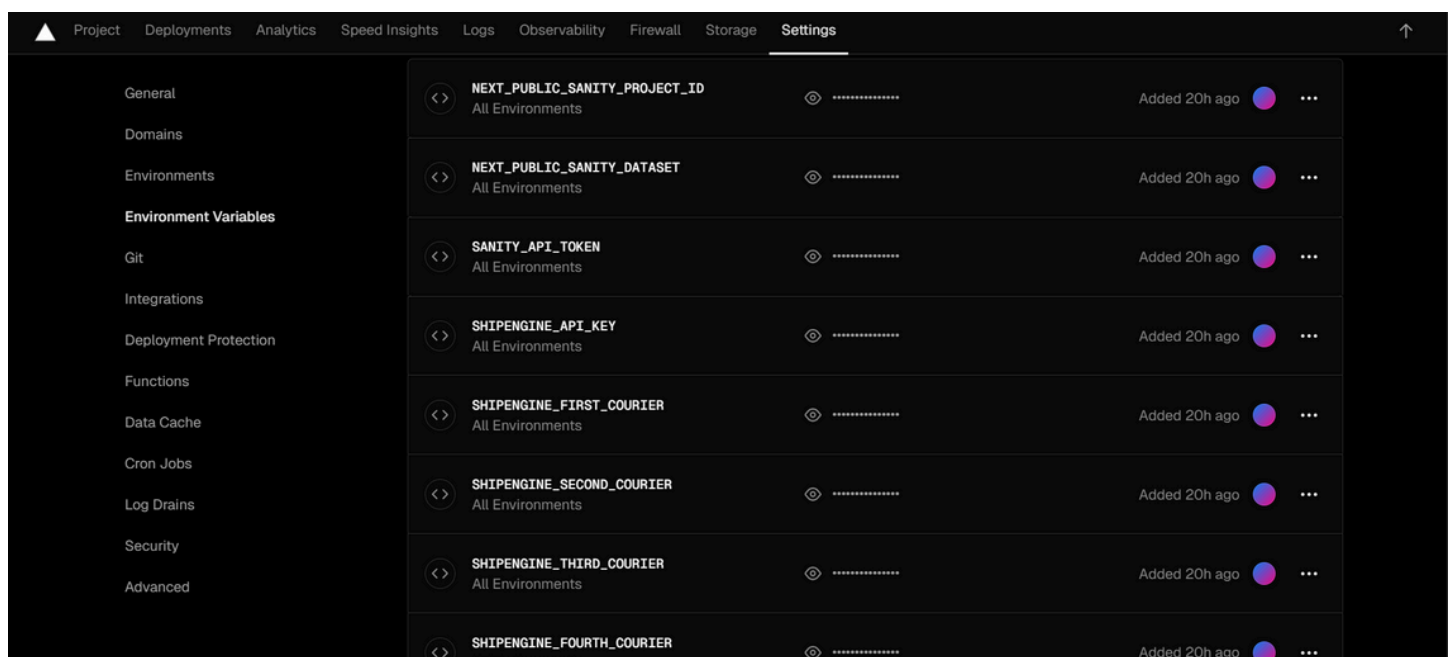
Deployment Details

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

Environment Variable Setup

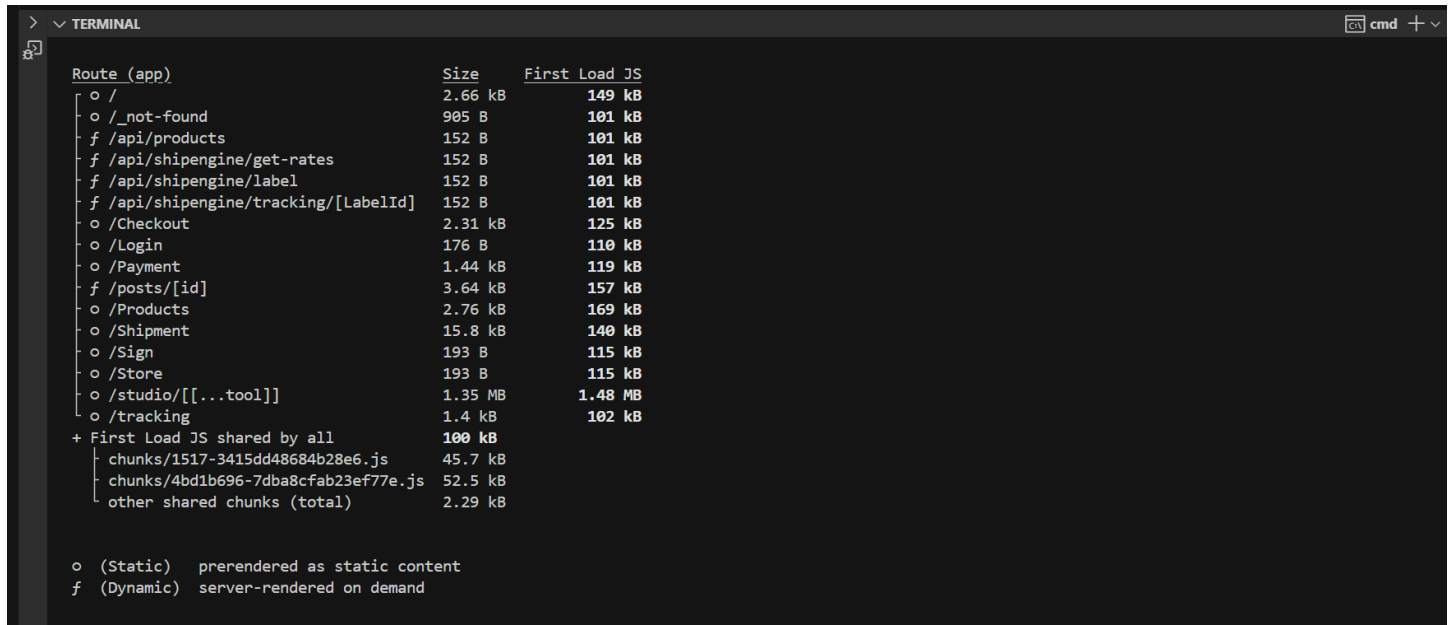Create .env if not created yet, set up the following variables

- 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

```
> ∨ TERMINAL                                                                    cmd + ∨

    Route (app)                              Size     First Load JS
  ┌ o /                                      2.66 kB         149 kB
  ├ o /_not-found                            905 B           101 kB
  ├ ƒ /api/products                          152 B           101 kB
  ├ ƒ /api/shipengine/get-rates              152 B           101 kB
  ├ ƒ /api/shipengine/label                  152 B           101 kB
  ├ ƒ /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
  ├ ƒ /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
  ƒ  (Dynamic)   server-rendered on demand
```

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

Performance Testing Report