

Shoes Store Website - Vercel Deployment Report

1. Deployment Objective

- Deploy the Shoes Store website on Vercel for a seamless and scalable hosting experience.
- Ensure optimal performance, security, and continuous deployment with GitHub integration.
- Live Deployment URL: <https://nike-marketplace.vercel.app>

2. Deployment Platform: Vercel

- Why Vercel?
 - Optimized for Next.js applications.
 - Automatic CI/CD with GitHub.
 - Custom domains and environment variable support.
 - Fast global edge network for quick load times.

3. Deployment Steps

Step 1: Prepare the Project

- Ensure your Next.js project is ready for deployment.
- Run the build locally to confirm there are no errors:
`npm run build`
- Commit all changes to GitHub.

Step 2: Connect to Vercel

- Go to Vercel (<https://vercel.com/>) and log in.
- Click New Project and select your GitHub repository.
- Vercel will auto-detect it as a Next.js project.

Step 3: Configure Deployment Settings

- Set the Framework Preset to Next.js.
- Add Environment Variables (if required) under the "Settings" tab.
- Click Deploy to start the process.

Step 4: Post-Deployment Verification

- Once deployed, visit the Vercel dashboard to get the live URL.
- Verify:
 - All pages load correctly.
 - API calls to Sanity CMS work as expected.
 - Cart and user authentication function properly.

4. Custom Domain Setup (Optional)

- Go to the Domains tab in Vercel.
- Add a custom domain (e.g., shoestore.com).
- Update your domain's DNS settings to point to Vercel.

5. Continuous Deployment

- Any push to the main branch triggers an automatic deployment.
- Use Vercel Preview Deployments to test changes before going live.

6. Rollback Plan

- If an issue occurs, revert to a previous commit on GitHub.
- Use Vercel's Deployment History to roll back to a stable version.

7. Monitoring & Maintenance

- Monitor site performance through Vercel Analytics.
- Update dependencies and optimize performance regularly.

By following this deployment plan, the Shoes Store website is successfully hosted on Vercel, ensuring a fast and reliable shopping experience.