DAY 7 LIVE DEPLOYMENT AND POST-LAUNCH PRACTICES

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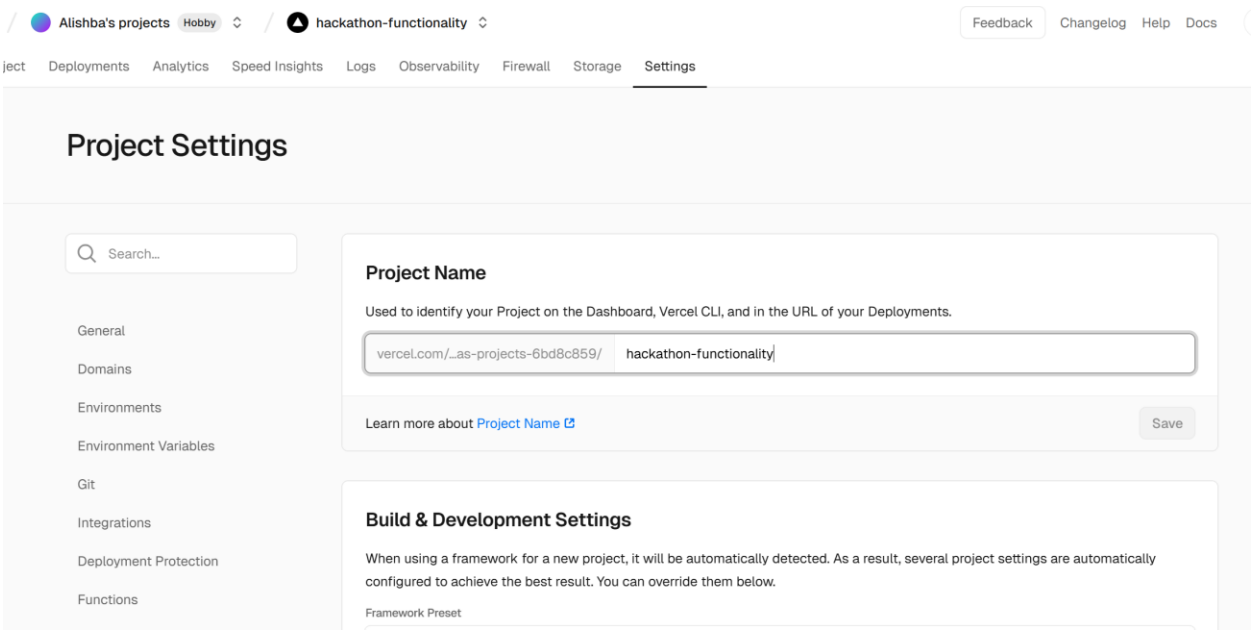
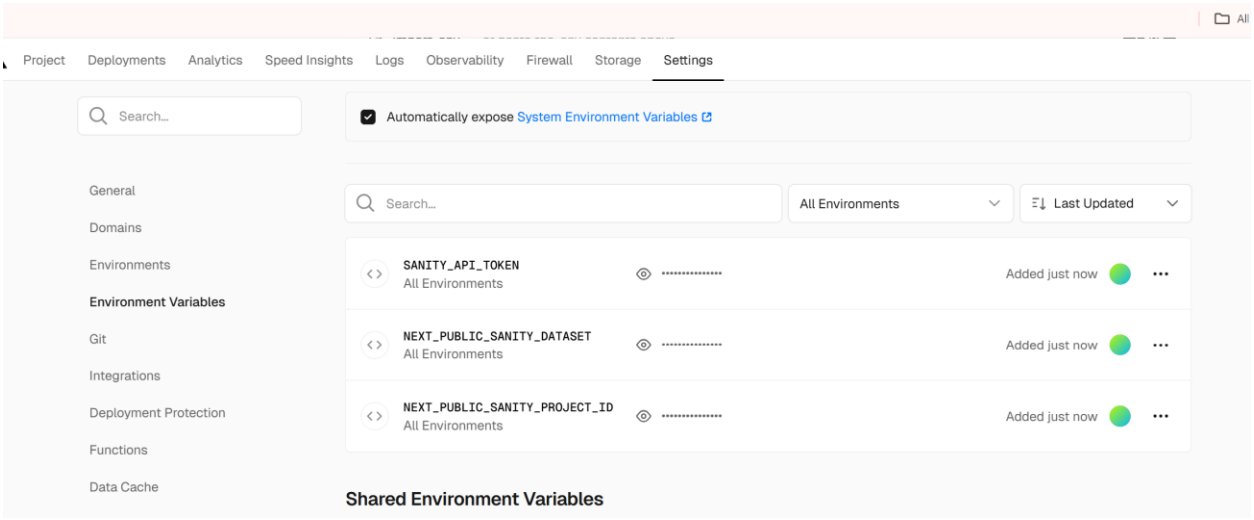
Project Completion Summary:

- **Project Name:** E-Commerce (HELLO NIKE)
- **Live URL:** https://hackathon-funct-vercel.vercel.app/
- **Completion Date:** 30th January 2025
- **Technology Stack:** Next.js, Tailwind CSS, TypeScript, Sanity CMS, Vercel(Deployment)

Key Achievements:

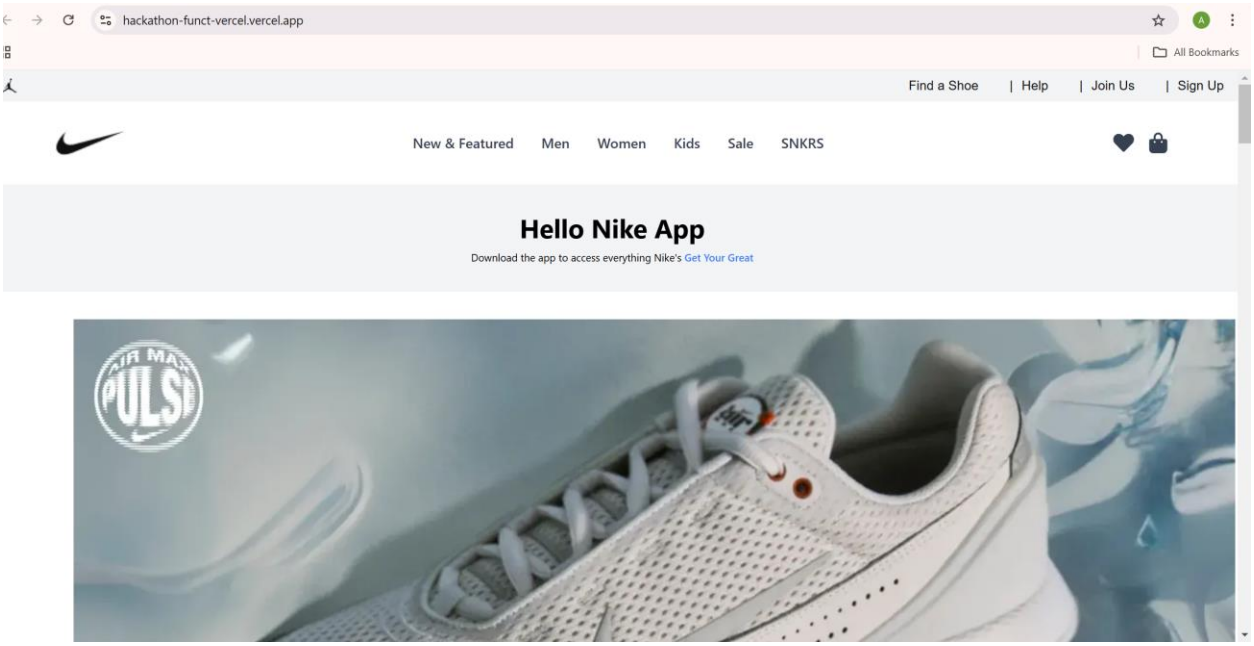
- Successfully deployed a fully functional shoes and fashion e-commerce platform.
- Implemented responsive UI with optimized performance for an engaging user experience.
- Integrated a scalable and secure backend using Sanity CMS for flexible content management.
- Developed advanced product filtering, sorting, and search functionality for easy navigation.
- Enhanced shopping experience with a user-friendly cart, wishlist, and checkout system

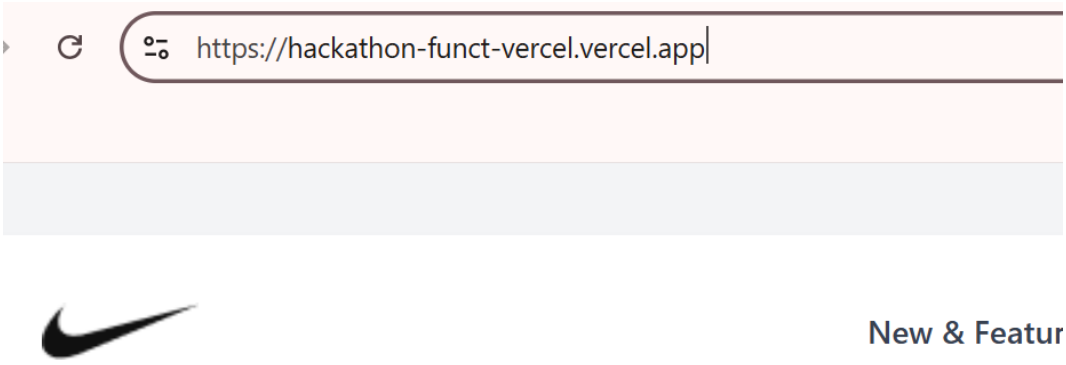




Deployment Details:

- **Hosting Provider**: Vercel
- **Production Readiness Checks**: ✓ SSL, ✓ SEO Optimization, ✓ Mobile Responsiveness
- **Security Measures Implemented**: HTTPS, Secure API Calls, Role-based Access.





Post-Launch Monitoring & Maintenance:

- **Monitoring Tools**: Google Analytics, Vercel Analytics
- **Scheduled Maintenance**: Regular security updates, performance monitoring, and feature enhancements.

Future Enhancements:

- Integration of AI-powered fashion recommendations.
- Multi-vendor marketplace functionality for expanded product offerings.
- Advanced analytics dashboard for tracking user behavior and sales performance.

Final Reflection:

- **Challenges Faced & Solutions Implemented**
  - **Sanity Data Fetching**:

    Overcame issues with dynamic content display by optimizing GROQ queries and structuring API responses effectively.

  - **Vercel Deployment**:

    Resolved build failures caused by misconfigured environment variables by correctly setting them in Vercel's dashboard and troubleshooting deployment logs.

- **Lessons Learned from the Project:**

    - Gained proficiency in working with headless CMS and optimizing data fetching.
    - Strengthened debugging and deployment skills, especially with Vercel.

- **How This Experience Contributes to Future Projects:**

    - Improved ability to integrate and manage dynamic content from a headless CMS.
    - Gained confidence in handling deployment challenges and ensuring smoother launches in future projects.