

setup the Environment variables for ShopifyX website Deployment

1: Understanding Environment Variables:
Environment variables store sensitive information like API keys and database credentials securely. They prevent hardcoding secrets in the codebase, ensuring security when deploying a website. In Next.js, they are typically stored in a .env.local file.

2: Essential Environment Variables for Deployment:

Sanity:
NEXT_PUBLIC_SANITY_PROJECT_ID
NEXT_PUBLIC_SANITY_DATASET
SANITY_API_TOKEN

Stripe:
STRIPE_SECRET_KEY
STRIPE_WEBHOOK_SECRET

Clerk:
NEXT_PUBLIC_CLERK_FRONTEND_API
CLERK_SECRET_KEY

3: Configuring Environment Variables for Deployment:
Create a .env.local file in the root directory of your Next.js project.

Add your environment variables in the following format:

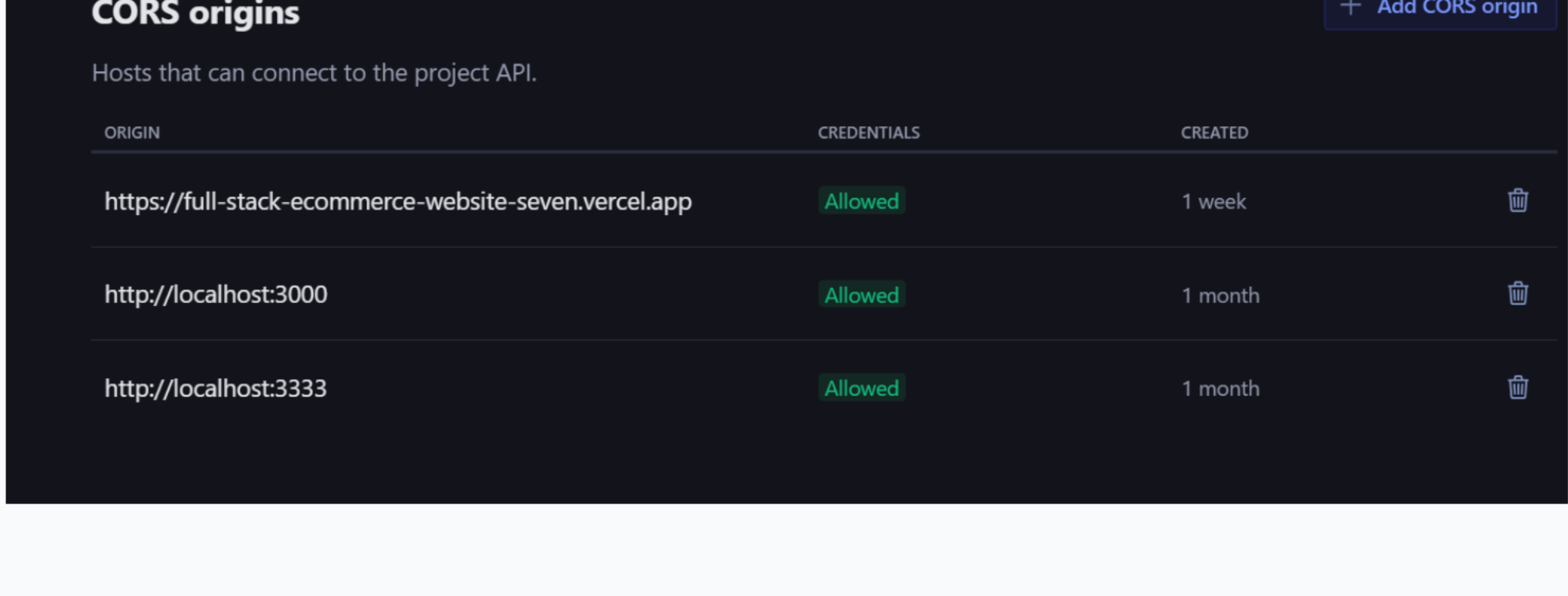
NEXT_PUBLIC_SANITY_PROJECT_ID=your_sanity_project_id
NEXT_PUBLIC_SANITY_DATASET=your_sanity_dataset
SANITY_API_TOKEN=your_sanity_api_token
NEXT_PUBLIC_STRIPE_PUBLISHABLE_KEY=your_stripe_publishable_key
STRIPE_SECRET_KEY=your_stripe_secret_key
STRIPE_WEBHOOK_SECRET=your_stripe_webhook_secret
CLERK_SECRET_KEY=your_clerk_secret_key
Restart the development server to apply the changes.

4: Security Best Practices for Deployment:
✔ Never commit .env.local to Git – Add it to .gitignore to keep sensitive data private.
✔ Use environment variables on hosting platforms like Vercel, Netlify, or Railway instead of storing them locally.
✔ Avoid exposing secrets in frontend code – Only use NEXT_PUBLIC_ variables for client-side access.

5: Deployment Checklist:
✔ On Vercel: Navigate to Project Settings → Environment Variables, add all required variables, and redeploy.
✔ On Netlify: Go to Site Settings → Environment Variables and set them before deploying.
✔ On Other Platforms: Follow the respective platform's process to configure environment variables securely.

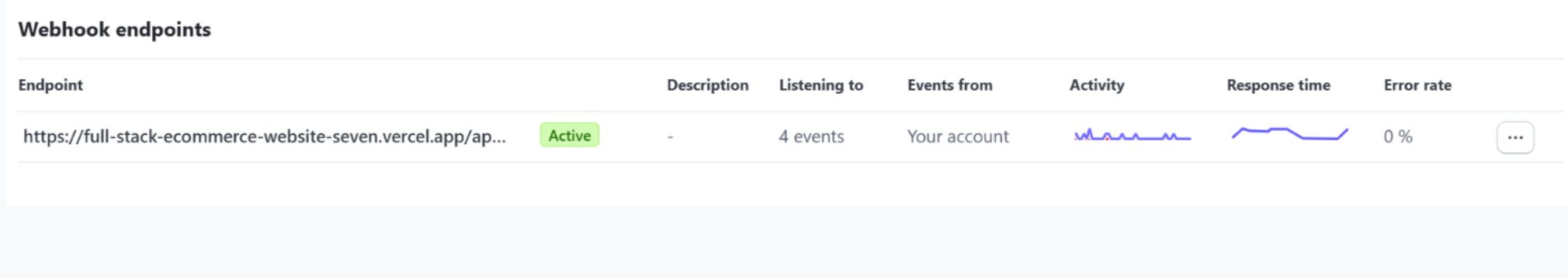
Sanity Config:

I have successfully added my website URL (https://full-stack-ecommerce-website-seven.vercel.app) to the Sanity CORS origins. This allows you deployed frontend to securely access the Sanity API without CORS issues.



Stripe Config:

I have added a Stripe webhook endpoint for my deployed website, and it is active. This allows your application to receive and handle real-time Stripe events efficiently. 🚀



Vercel Config:

I have successfully added API keys and environment variables in Vercel. This includes Sanity API tokens, Stripe webhook secret, and other necessary environment variables for your project. 🚀

<>	SANITY_API_READ_TOKEN	⦿	*****	Updated Jan 26	🌈	...
All Environments						
<>	SANITY_API_TOKEN	⦿	*****	Updated Jan 26	🌈	...
All Environments						
<>	STRIPE_WEBHOOK_SECRET	⦿	*****	Updated Jan 26	🌈	...
All Environments						
<>	NEXT_PUBLIC_BASE_URL	⦿	*****	Added Jan 25	🌈	...
All Environments						
<>	NEXT_PUBLIC_SANITY_PROJECT_ID	⦿	*****	Added Jan 25	🌈	...
All Environments						
<>	NEXT_PUBLIC_SANITY_DATASET	⦿	*****	Added Jan 25	🌈	...
All Environments						
<>	NEXT_PUBLIC_CLERK_PUBLISHABLE_KEY	⦿	*****	Added Jan 25	🌈	...
All Environments						

Result of all the Activities

