

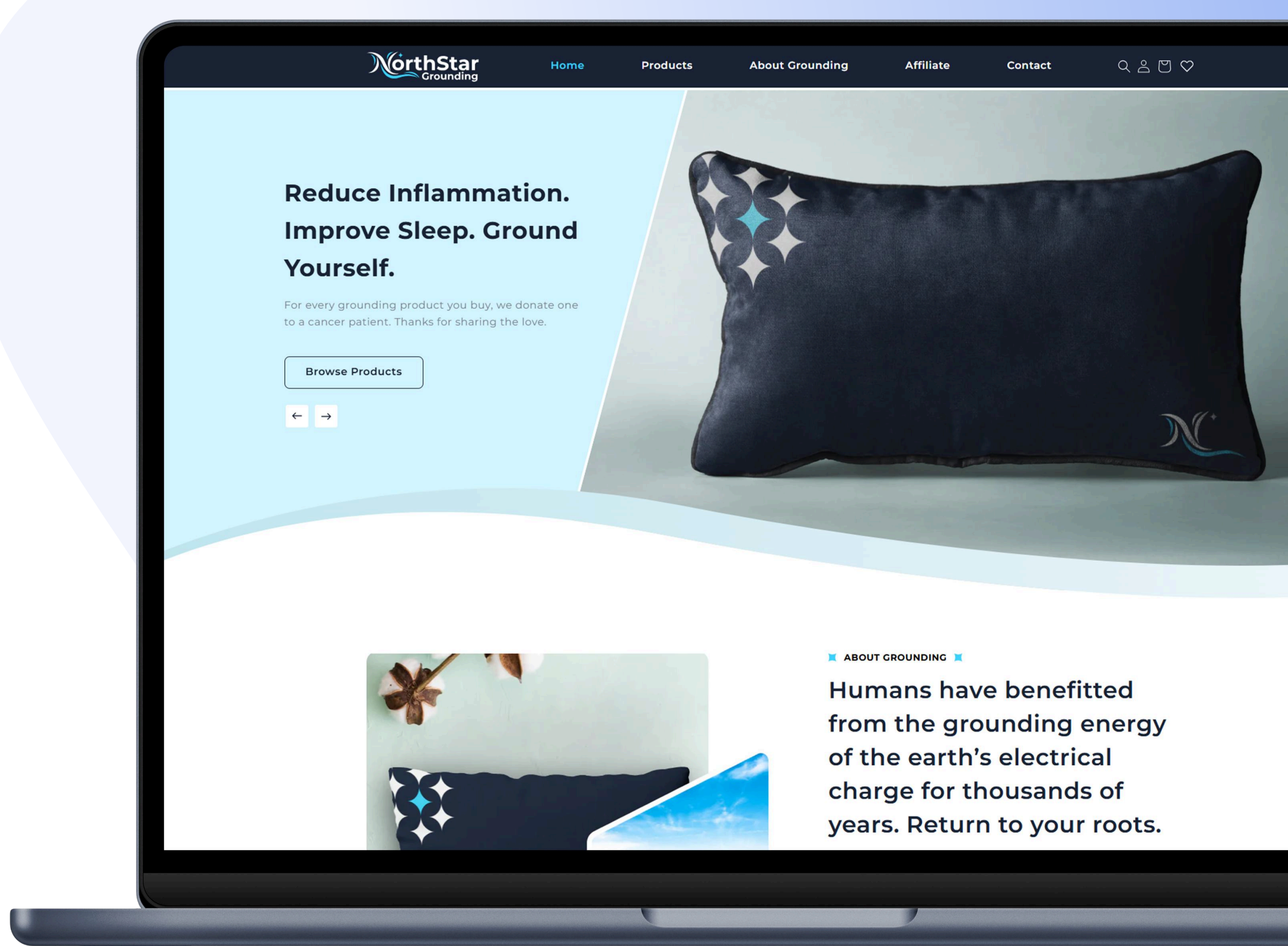
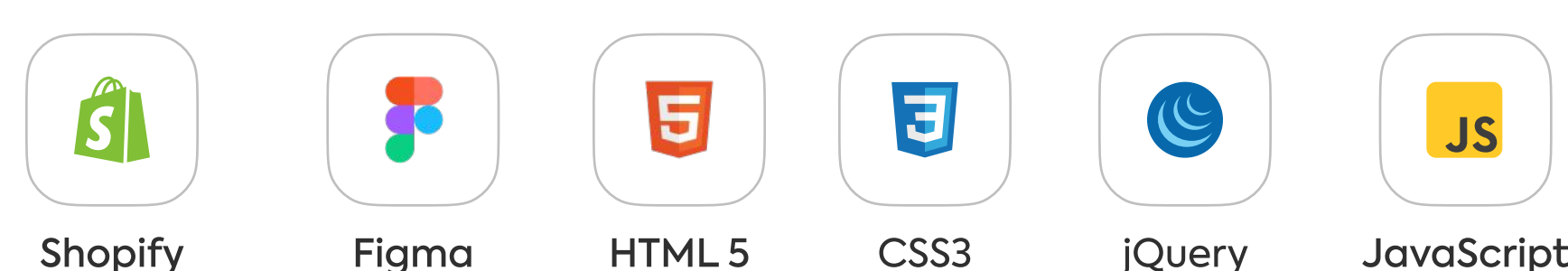
CASE STUDY

# Shopify Store Development & Optimization

CUSTOM SHOPIFY ECOMMERCE EXPERIENCE WITH ADVANCED PRODUCT MANAGEMENT

Built a scalable Shopify store with optimized product discovery, variant management, and a seamless shopping experience.

TECH STACK WE USED



OVERVIEW

## Project Overview

LIVE LINK

<https://northstargrounding.com/>

CLIENT

NorthStar Grounding

INDUSTRY

Health & Wellness eCommerce

PLATFORM

Shopify Website

## Shopify ECommerce Platform for Grounding & Wellness Products

NorthStar Grounding required a Shopify storefront that could present grounding and wellness products clearly while remaining easy to manage through Shopify's admin panel. The project focused on product variants, customized galleries, dynamic content management through metafields, responsive shopping experiences, and optimized performance.

- Product Variants**  
Implemented advanced Shopify variant features with synchronized pricing, inventory visibility, and seamless image updates for a better shopping experience.
- Content Management**  
Utilized Shopify metafields to create a flexible content structure, enabling easy updates and scalable website management.
- Custom Galleries**  
Enhanced product galleries with organized media displays and variant-specific image switching to improve product discovery.
- Responsive Experience**  
Optimized the storefront for fast performance and seamless shopping across desktop, tablet, and mobile devices.

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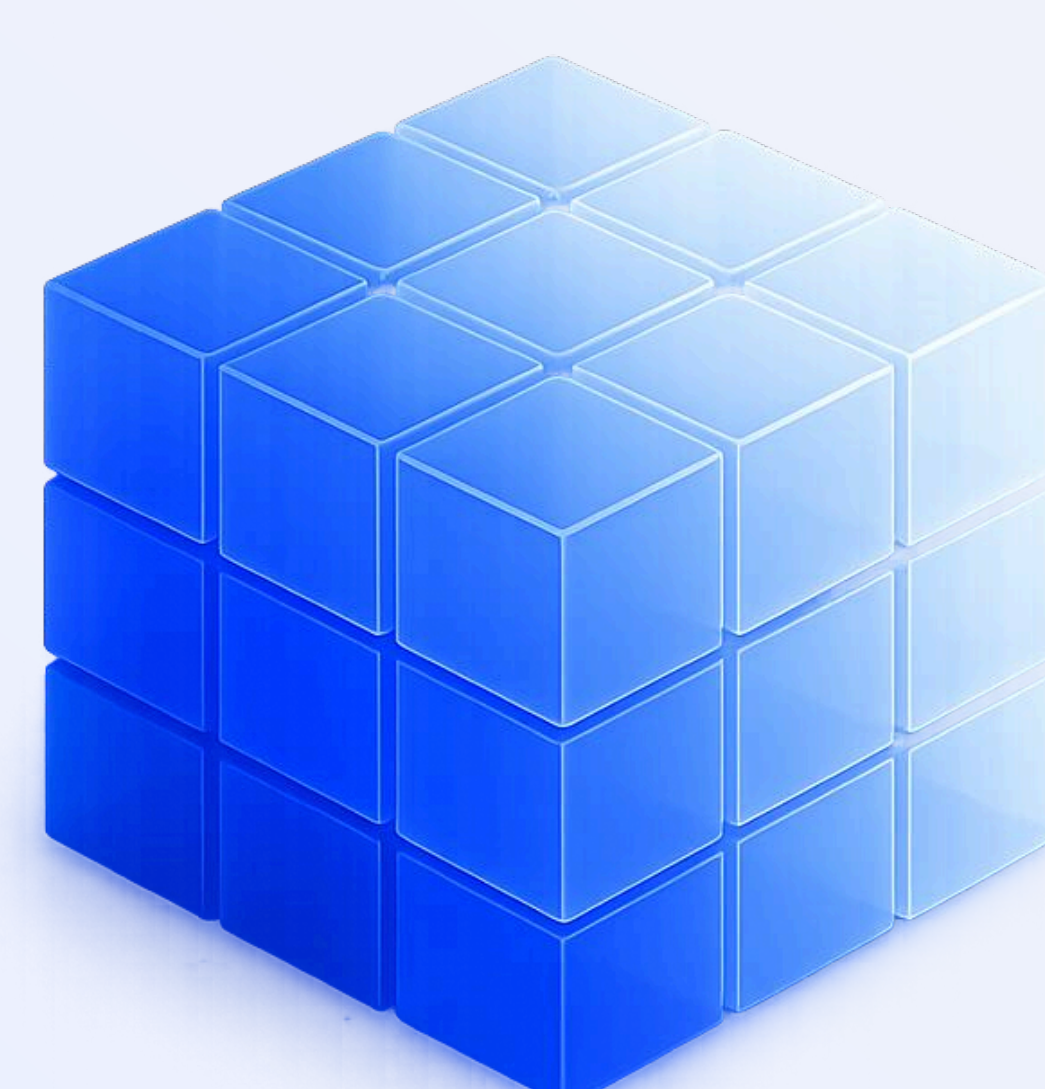
<p>Variant image updates required custom handling for accurate product display.</p> <p><b>Image Synchronization</b></p>	<p>Growing product collections created navigation challenges, making product discovery less efficient.</p> <p><b>Product Discovery</b></p>	<p>Default Shopify functionality limited seamless variant interactions and product visualization experiences.</p> <p><b>Variant Experience</b></p>
<p>The store required a consistent shopping experience across desktop, tablet, and mobile devices.</p> <p><b>Mobile Shopping</b></p>	<p>Managing product and marketing content required a flexible structure for efficient updates.</p> <p><b>Content Management</b></p>	<p>The platform needed flexibility to support future growth, content expansion, and business requirements.</p> <p><b>Scalability</b></p>

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PAIN POINT

## Challenges Confronted

NorthStar Grounding required a scalable Shopify solution capable of improving product discovery, enhancing variant experiences, streamlining content management, and delivering a seamless shopping journey across all devices.



SOLUTIONS

## Solution Provided

Custom Shopify solutions developed to improve product discovery, variant management, content flexibility, and overall shopping experience.



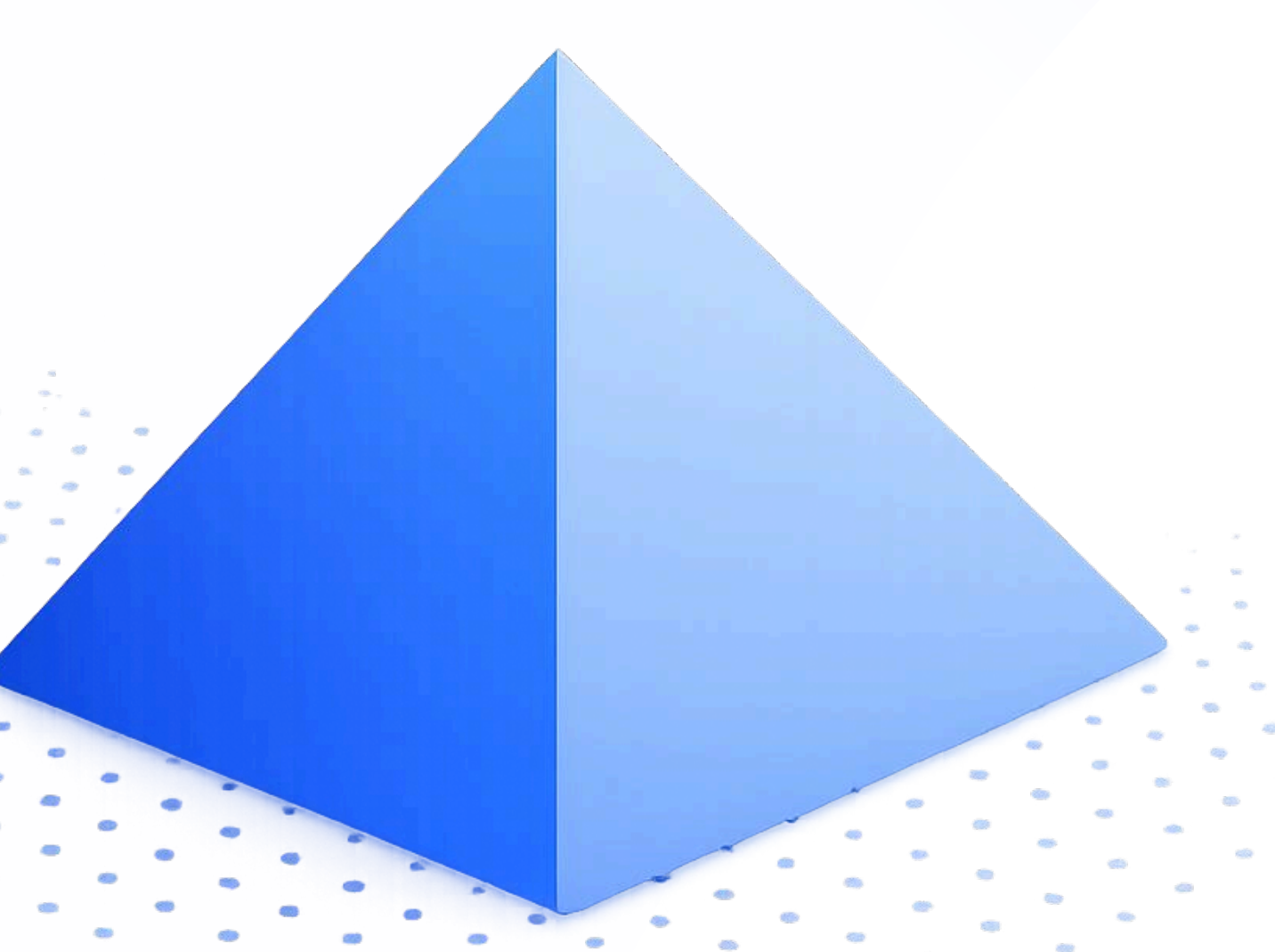
- Product Variants**  
Developed enhanced Shopify variant features with synced pricing, stock levels, and smooth image transitions.
- Metafield Structure**  
Created a scalable metafield architecture for flexible content management and easier backend updates.
- Custom Galleries**  
Improved product galleries with structured media layouts and specific images for each variant to enhance browsing.
- Responsive Experience**  
Optimized the storefront for seamless shopping across desktop, tablet, and mobile devices.
- Shop Pay Integration**  
Integrated Shop Pay to streamline checkout processes and provide a faster purchasing experience.
- Performance Optimization**  
Implemented lightweight customizations and clean coding to ensure speed, scalability, and reliability.

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TECH STACK

## Built With Modern Technology

Modern technologies used to build a scalable, responsive, and high-performance healthcare platform experience.



<p><b>PLATFORM</b></p>	<p><b>LANGUAGES</b></p>
<p><b>DESIGN &amp; PAYMENT</b></p>	

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RESULTS

## Results & Impact Metrics

Delivered a scalable Shopify storefront with improved product discovery, performance, and content management.

- IMPROVED PRODUCT EXPERIENCE**  
Enhanced variant selection and product galleries created a smoother and more engaging shopping journey.
- BETTER PRODUCT DISCOVERY**  
Improved navigation and related product recommendations helped customers find products more efficiently.
- MOBILE-OPTIMIZED EXPERIENCE**  
Responsive layouts delivered consistent shopping experiences across desktop, tablet, and mobile devices.
- STREAMLINED CONTENT MANAGEMENT**  
Shopify metafields simplified content updates and reduced ongoing store management efforts.
- HIGHER STORE PERFORMANCE**  
Lightweight customizations and optimized code maintained fast loading speeds and overall responsiveness.
- SCALABLE ECOMMERCE FOUNDATION**  
Flexible architecture supports future product growth, content expansion, and evolving business requirements.

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## Let's collaborate on what matters to you

Contact us to discuss business opportunities, or just to say hello. Visit our Website:

[www.thecodersmind.com](http://www.thecodersmind.com)

<p>4.6 ★★★★★</p>	<p>4.9 ★★★★★</p>	<p>100% JSS</p>	<p>4.9 ★★★★★</p>	<p>5.0 ★★★★★</p>	<p>4.9 ★★★★★</p>
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**HEADQUARTER**

**INDIA**

+91-9933951928

Bengal Eco Intelligent Park, Module No: 3, 13th Floor, Sector V, Kolkata – 700091

**BRANCHES**

**USA**

+1 209 471 7816

5400 58th Street, Sacramento, CA 95820

**BRANCHES**

**CANADA**

+1 647 926 1401

Toronto, Ontario, Canada