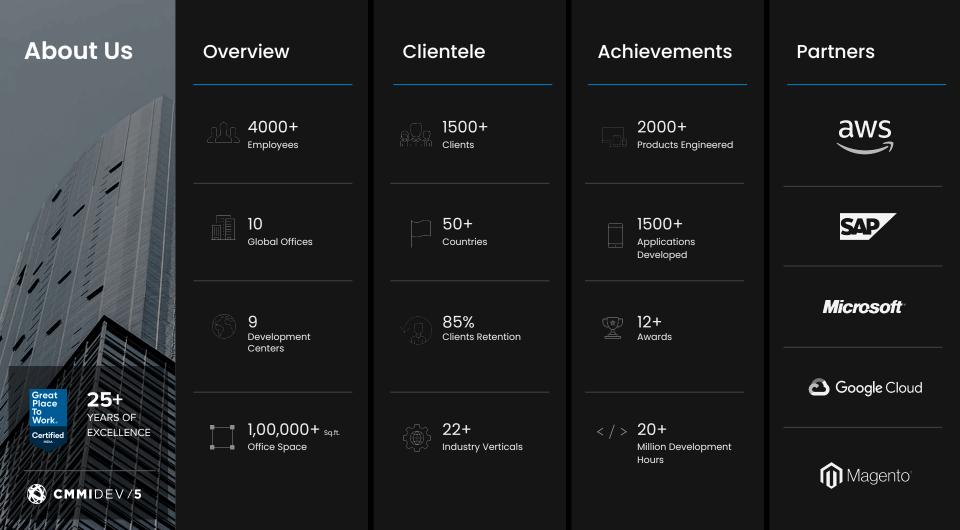




# CONSULTING & DEVELOPMENT

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### **Certified To Deliver Quality**

KPMG



This is to affirm that

#### **NOVA ASCEND DYNAMICS**

**Organizational Unit: Software Development Unit** 

has been appraised at

**Maturity Level 5** 

of the Capability Maturity Model Integration for Development,

Version 3.0



ISO 9001:2015 Quality Management ISO 27001:2013 Information Security

ISO

20000-1:2011 IT Management **ISO** 22301:2012

Business Continuity Management

### Magento development services

#### Magento Website Design & Development

Create well-designed and user-friendly Magento Websites and build unique buying journeys for your customers 2 Custom Magento Extension Development

> Extend the functionality of your Magento store with tailor-made, scalable extensions designed to meet your specific business needs

#### PWA (Progressive Web App) for Magento

Extend your customer reach with PWA storefronts of your Magento backend, providing customers with fast and engaging shopping experience on mobile Maintenance & Support

Ensure the smooth functioning of your Magento store with ongoing maintenance, updates and expert support

#### Custom Theme Development

Stand out from the competition with fully customised Magento themes that perfectly represent your brand Migrate Seamlessly to Magento 2

The transition from Magento 1 or other platforms like shopify or WooCommerce to Magento 2 while preserving your data, functionality and SEO gains

#### Third-Party Integration Service

Integrate your Magento store with third-party systems to optimise workflows and enhance efficiency

#### Hire Magento Developer

Scale your development capabilities by augmenting your team with our experienced Magento developers and solutions experts, working seamlessly with your in-house team

### The Nova Ascend Dynamics Advantage



#### eCommerce ready

- Web-stores for upto 10000+ product
- Payment gateway integration-Paypal, stripe, Amazon Pay, etc.
- Order/shipping management platform



#### **SEO friendly**

- Optimized for 100+ technical parameters
- Relevant content for ranking and traffic



#### **CRM** compatible

- Seamless integration with CRMs such as Hubspot, Salesforce, Zoho, Sell.do, Kylas
- Precise integration with various campaign
  platforms



#### Built on the right platform

- Millions of pre-built plugins & themes
- Custom designs, layouts & features
- Development across varied platforms like Wordpress, Shopify, custom PHP, Drupal, Laravel



- Facebook pixel, google analytics code
- Structured campaign friendly sitemaps



#### Integrated with analytics

- Full-funnel report setup
- Heat map based on micro-conversations
- Integration of conversion rate
- Optimization tools like Hotjar, Google
  optimize

### What We Do

#### **Team Augmentation**

A team of 4000+ Battle Tested engineers across 100+ Different Stacks.

We are your Digital Factory, dedicated teams to supercharge your development throughput.

0 Operational Overheads.

Agile & On Demand.

#### **Fixed Scope**

We offer meticulously crafted project specifications and timelines for cutting-edge development, seamless integrations and feature-rich solutions.

The Sthenos Technologies approach ensures your projects are delivered with precision and excellence.

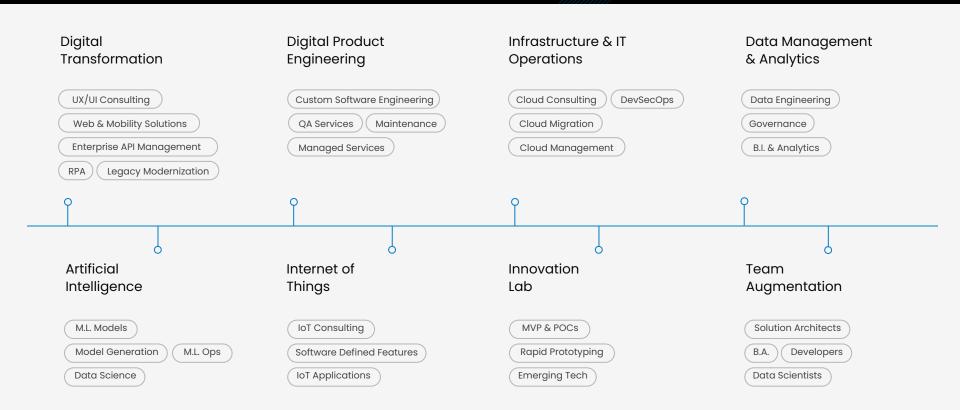
#### **Managed Services**

Our IMS services helps enterprises to run Business as usual.

With strong SLA driven services, 24x7 Support, Governance and Technology expertise, we help to optimize processes and costs.

### **Our Expertise**

We help businesses wherever they are in their digital journey. From consulting for a **digital transformation** to carving out a **technology roadmap**. Our expertise helps you to **drive ROI** from your digital initiatives.



### **Selected Clientele**

pepperfry	Wacoal	SUGAR		EROS	electronics bazaar Renew your business	KÄRCHER
🥲 zīvame	Sharaf DG.com	Flipkart 🙀	MROSTAMANI	DECATHLON	K A L K I	vitalityélife
Nësto	WILDCRAFT	Nalli®	plum market <sup>,</sup>	APOLLO TYRES LTD	GOODSYEAR	HomeLane
vv/xII	BANNERSHOP	American Barrantanjan	ONEOFFNATURE		<b>Ontinental</b>	EL Naturalista
YAMAHA	GMC	Contast a setter way	RAJRATAN Dorrestoart	Bridgestone Americas, Inc.		nua <sup>,</sup>
CHARLES & KEITH		M	ElectroPapa 💭	AMERICAN SILK MILLS.	hopscotch	BACARDÍ.

### Case Studies

#### The One-Stop Shop for Cutting-Edge Electronics

An online shopping portal specializing in selling mobile devices, laptops, and accessories.



#### Outcomes

#### **Enhanced UX**

 The theme customization provided a visually appealing and personalized website design, improving the overall user experience.

#### **Secure Payment Verification**

 Implementing the COD order verification functionality added an extra layer of security by using OTP through SMS and email.

#### **Automated Order Processing**

 Developed the Vow module to generate orders, shipments, and invoices which simplified the purchasing process and enhanced customer satisfaction.

#### Challenges

- Developing the Vow module to generate orders, shipments, and invoices automatically while applying discount codes.
- Implementing OTP verification and displaying OTP confirmation pop-ups based on customer selection of the COD payment method.
- Creating and applying a new theme based on the client's shared document.

#### **Technical Spotlight**

- Successfully developed the Retailer Pilot Project Module and the Vow Delight Service Module using PHP.
- Magento's capabilities facilitated the implementation of a secure COD order verification system.
- Utilized Magento's wide range of customizable themes that allow the creation of a unique and visually appealing online store.

#### **Solution Highlights**

- Through careful coding and integration, the development team successfully implemented the Vow module.
- Developed a robust functionality that triggers the sending of OTPs through SMS and email when customers choose COD as their payment method during checkout.
- Through effective collaboration and implementation of design elements, we successfully customized the website's theme, providing a user-friendly interface.

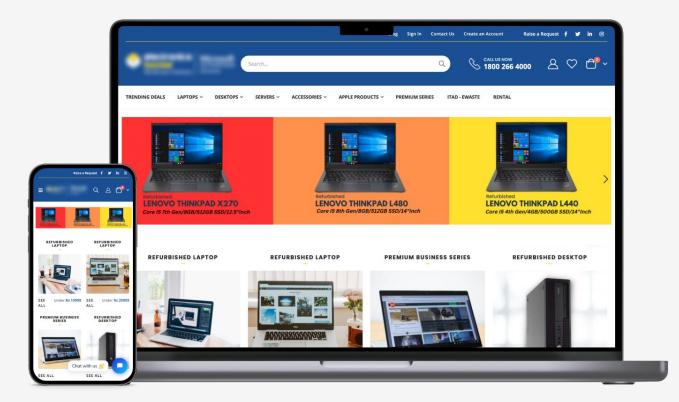












#### An Online Furniture And Home Decor Marketplace Based In India

A convenient platform for customers to browse and purchase products for their homes.



#### Outcomes

#### **Enhanced Product Visualization**

 The 360° view feature allowed users to visualize products from various angles, assisting them in making well-informed decisions and selecting the perfect pieces for their homes.

#### **Convenient Shopping Experience**

 Provided easy navigation and useful filters, making the shopping process seamless and convenient for users.

#### **Augmented Reality Integration**

 The "See it in your room" feature enabled users to virtually place furniture products in their own space, helping them visualize how the items would look before making a purchase.

#### Challenges

- Had to streamline an overwhelming and extensive product selection.
- To ensure the "See it in your room" feature accurately represents how a product looks in the customer's space.
- Processing easy and no-cost EMI options might require integration with multiple financial institutions and managing installment calculations.

<u>ڇ</u> Java

Kotlin

Google

Analytics

Retrofit

#### **Technical Spotlight**

- Magento provided intuitive navigation features and handy filters that enhance the shopping experience.
- Utilised MVVM to manage the data and interactions required for the "See it in your room" feature more efficiently.
- Google Wallet and Paytm provided a seamless and user-friendly payment process.

OkHttp

#### **Solution Highlights**

- Implemented advanced search and filtering options to help users narrow down their choices based on specific criteria.
- Continuously improved the augmented reality feature's accuracy through updates and user feedback.
- Partnered with reliable payment gateway providers to streamline the EMI process.

Google Wallet

Mac OS

Paytr

Data Binding





#### A Designer Brand With an Exclusive Bridal Wear, Couture And Prêt Collection

An online fashion store that specializes in Indian ethnic wear for women



#### Outcomes

#### Streamlined Product Management

 Created a custom Magento module to efficiently manage product attributes and categories, improving product organization and searchability.

#### **Seamless Theme Installation**

 Successfully installed and configured the Milano theme, providing an aesthetically pleasing and user-friendly design for the online store.

#### **Secure Payment Gateway**

• Configured the PayPal payment gateway, enabling secure and seamless online transactions for customers.

#### Challenges

- Configuring a secure payment gateway to ensure efficient transactions.
- Customizing the admin panel orders view grid to streamline order management and improve efficiency.
- Integrating WordPress for seamless content management and blog functionality.

#### **Technical Spotlight**

- PayPal offered a streamlined checkout experience, allowing customers to make purchases with just a few clicks.
- Magento provided a highly customizable admin panel that helped tailor the order view grid according to your specific requirements.
- Magento offered seamless integration with WordPress.

#### **Solution Highlights**

- Integrated PayPal, a popular payment gateway to offer secure and convenient payment options.
- Customized the admin panel grid to display relevant order information, such as customer details, order status, and shipping information, in a user-friendly format.
- Integrated WordPress with the Magento store, allowing easy management of website content, blog posts, and other dynamic content.









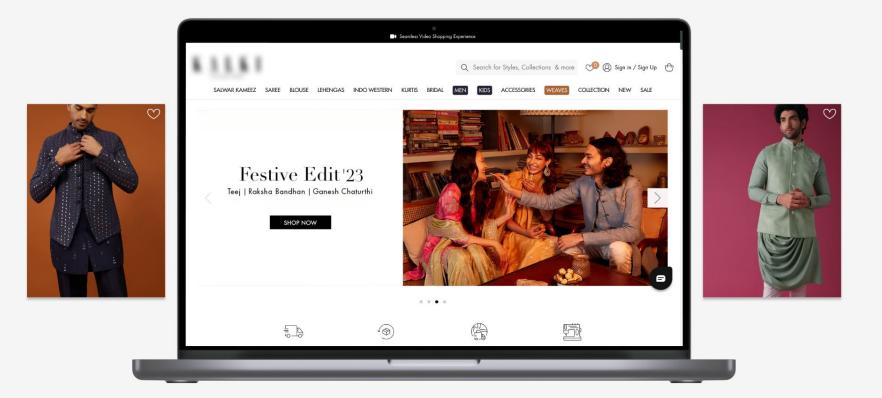












#### A Leading Brand In The Home Textiles Industry

An online platform for customers to explore and purchase a wide range of home textile products.



#### Outcomes

#### Magento up-gradation

 Upgrading the Magento platform helped leverage new features, improve performance, and security enhancements.

#### Improved User Experience

• Tailoring the product listing and product detail pages improved presentation, information display, and user experience.

#### Implemented Google Maps

 Integrated Google Maps API to create a store locator feature, enabling customers to find physical store locations easily.

#### Challenges

- Customizing the product listing and detail pages to meet specific design and functionality requirements.
- Upgrading Magento to a newer version without causing disruptions to the existing website.
- Integrating the Google Maps API to create a store locator feature with accurate location data.

#### **Technical Spotlight**

- Utilized Magento's customization capabilities to meet customization requirements.
- Implemented an upgraded version of Magento through testing and analysis.
- Implemented the Google Maps API to fetch and display store locations on the map based on the provided address or coordinates.

#### **Solution Highlights**

- Created custom templates, modified layout and styling, and implemented additional features to enhance the presentation and usability of the product pages.
- Implemented a structured upgrade process to ensure a smooth transition.
- Utilized geocoding to convert addresses into latitude and longitude values for precise location mapping.







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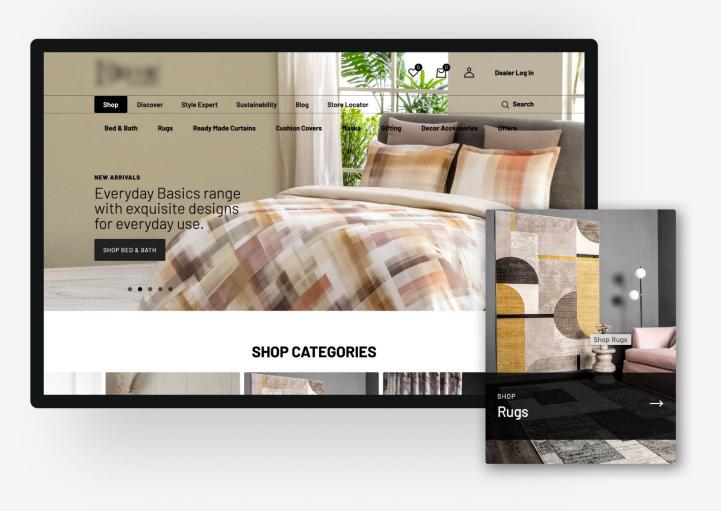












#### An Indian Brand Known for its High-Quality Kanjivaram and Silk Sarees

Built a custom platform to support global sales with enhanced features and integrations.



#### Outcomes

#### Seamless Shopping Experience

 Customized themes and intuitive navigation improved user experience, making it easier for customers to browse and purchase products.

#### Increased Product Accessibility

 Developed a robust platform supporting over 2 lakh products, enabling seamless global sales and accessibility.

#### **Better Operational Efficiency**

 Leveraged cost-effective development practices to support a value-based pricing strategy while maintaining high-quality standards.

#### Challenges

- Managing scalability to handle a large inventory of over 2 lakh products without compromising performance.
- Customizing themes and features to align with the client's unique brand identity and user expectations.
- Seamlessly integrating third-party modules to enhance functionality while maintaining platform stability.

#### **Technical Spotlight**

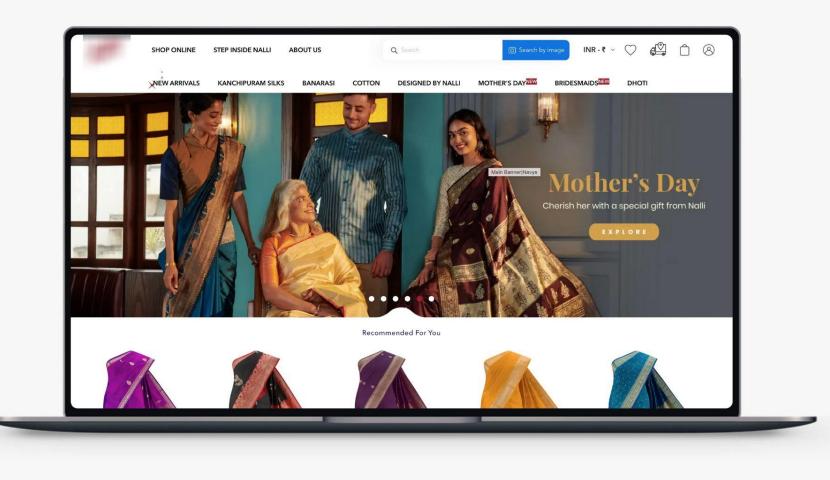
- Used Magento's scalable database and caching mechanisms to efficiently manage a large product inventory.
- Leveraged Magento's templating system, with JavaScript, CSS, and HTML, for customized themes and features.
- Integrated third-party modules using Magento's modular architecture.

buna

#### **Solution Highlights**

- Ensured smooth performance and reliability, even with an inventory exceeding 2 lakh products.
- Delivered a tailored experience, enhancing user satisfaction.
- Expanded platform functionality while maintaining robust system performance.





#### A Premium Home Furnishings Brand In The Upholstery And Drapery

Synced SAP, Magento, and WMS for Effortless Customer Experience and Enhanced B2C Platform.

Data Synchronization

Order Management

API Development

Customer Dashboard

#### **Outcomes**

#### Integration of SAP, Magento, and WMS

 Successfully synchronized Customers, Products, and Orders among these platforms to ensure data consistency and accuracy.

#### **API Creation for Product Sync**

 Developed APIs for seamless synchronization of SAP products to Magento 2, incorporating specific details like sap material code and collection specifics.

#### Customer Dashboard Development

 Crafted a user dashboard for streamlined order and invoice management, with stock checks based on Collection and SKU via the WMS API pre-cart additions.

#### Challenges

- To automate and digitize their order management process, which can improve operational efficiency.
- Building APIs to sync SAP products and customer data with Magento.
- Managing real-time events triggered at the Magento end to update the WMS system

Dhe

#### **Technical Spotlight**

- PHP facilitated the dynamic dashboard creation for user interaction.
- Magento facilitated robust e-commerce functionalities, enabling seamless integration of SAP data into the platform through APIs.
- MariaDB provided a reliable database backend for storing event-driven data.

#### **Solution Highlights**

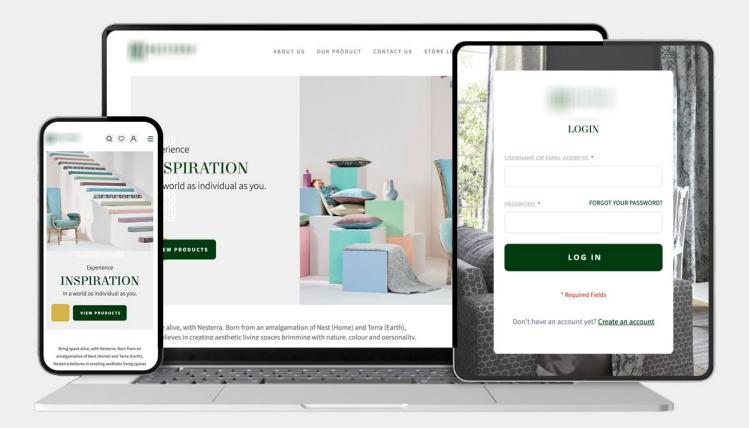
- Dashboard was built for customer log-in where the customer can place an order, access his/her all orders, and invoice.
- Designed a scalable API structure for SAP-to-Magento synchronization.
- Implemented an event-driven architecture for Magento-to-WMS updates.



Magento



A Razorpay



#### An Indian Online Jewelry Retailer Specializing in Diamonds and Gemstones

Developed an AR/VR integrated e-commerce platform.



#### Outcomes

#### **4x Customer Satisfaction**

 Customization features such as AR/VR integration and personalized product displays improved user experience, resulting in higher customer satisfaction.

#### 100% Data Security

 Implemented security measures and data encryption protocols, ensuring the protection of customer information.

#### 56% Enhanced Scalability

• Enabled the platform to handle increased traffic and product catalog expansion.

#### Challenges

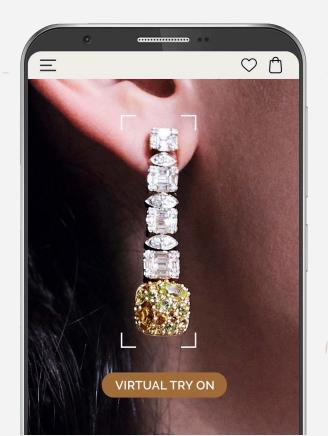
- Integrating AJAX for dynamic content without sacrificing performance.
- Implementing AR/VR features and personalized product displays within Magento's framework.
- Integrating and customizing third-party modules or APIs.

#### **Technical Spotlight**

- Utilized AJAX and implemented caching mechanisms within Magento to optimize performance and reduce page load times and server load.
- Used Magento's modular architecture for custom feature integration.
- Utilized Magento's flexible architecture and available extensions to simplify third-party integrations.

#### **Solution Highlights**

- Reduced page load times and improved user experience, increasing engagement and conversion rates.
- Seamless integration of AR/VR features and personalized product displays, enhancing user satisfaction.
- Expanded functionality and integration with external services, improving overall user experience and platform capabilities.





#### An Online Hub for Pain Management and Wellness Solutions

Reduced cart abandonment with OTP checkout and free sample product modules.

Customization

Checkout OTP Module

Free Sample Product Cart

#### Outcomes

#### Improved Checkout Experience

• Implementing mobile OTP for guest users at checkout enhanced security and ease of purchase, thus reducing cart abandonment.

#### **Enhanced Customer Engagement**

 Introduction of a Free Sample Product functionality attracted guest users and encouraged potential customers to experience products before purchase.

#### **Operational Efficiency**

 Implementing features like Import-Export Warehouse-wise Zipcodes aided in logistics and efficient product distribution.

#### Challenges

- Implementing secure mobile OTP verification for guest users without compromising ease of checkout.
- Allowing exclusive access to free samples for guest users while restricting access to registered users.
- Managing the transition of orders from regular purchases to free sample status upon completion.

#### **Technical Spotlight**

- PHP provided a flexible and scalable scripting language for developing the OTP module.
- Magento provided flexible customization for tailored user experiences.

Magento

• UNIX / LINUX provided a stable and scalable operating system environment for hosting and running the order conversion system.

#### **Solution Highlights**

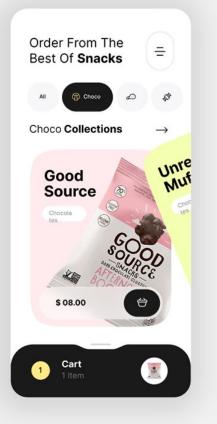
- Developed a robust mobile OTP module for secure guest user verification during checkout without hindering the checkout process.
- Created a dedicated module enabling only guest users to access free sample products while restricting registered users from availing these offers.
- Established a system that automatically converts regular orders into free sample orders upon completion for efficient status management.

Paytm

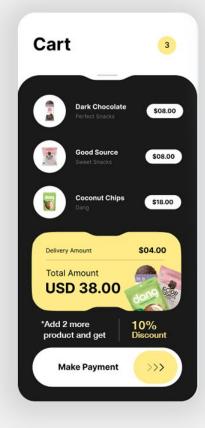
#### **Tech Stack**











#### A Rapidly Expanding Clothing Company Committed to Sustainability

Implemented agile methodology, customized product detail pages, and enhanced user registration functionality.

Magento Development

**User Registration** 

Customized Product Detail Page

#### **Outcomes**

#### **Enhanced Product Detail Pages**

 Implemented customization on product detail pages, allowing for dynamic changes in product information.

#### **Improved User Registration Experience**

 Enhanced user registration/login with multiple access options: username, phone number, or email.

#### **Improved Client Collaboration**

 Effectively communicated with clients during sprint cycles, ensuring transparent and collaborative development.

#### Challenges

- Implementing dynamic changes to product details based on variant selections.
- Establishing an eCommerce website that allows you to purchase items.
- Integrating multiple registration/login options while maintaining security and user-friendliness.

יהוס

#### **Technical Spotlight**

- Utilized Magento's versatile customization features to tailor scalable solutions aligned with user stories.
- PHP Framework facilitates dynamic content generation and smooth website functionality.
- Magento 2 offered flexible authentication integration for seamless multiple registration/login options in e-commerce.

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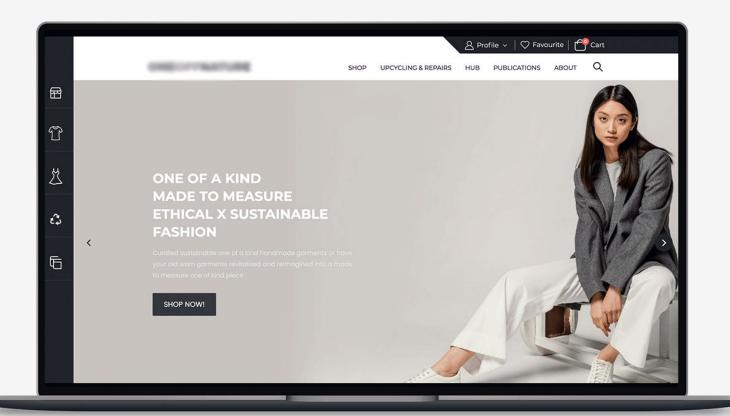
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#### **Solution Highlights**

- Broke down the customization task into smaller, manageable user stories utilizing Magento's robust customization capabilities.
- Built an eCommerce website using the PHP framework that enabled users to navigate thoroughly and place items in the cart with ease.
- Implement a flexible authentication system using Magento's user management features.

stripe





# A UAE Retailer Offering Electronics, Appliances, and Lifestyle Products

Built and customized the platform with theme updates, backend enhancements, and bug fixes.



# Outcomes

#### **Improved User Experience**

 Customized themes, modules, and UI patterns enhanced the overall look and feel of the platform, aligning with client requirements.

### **Enhanced Platform Functionality**

 New modules like sorting, mobile login, and order summary added advanced features for better usability.

#### **Increased Product Accessibility**

• Support for over 2 lakh products ensured comprehensive inventory management and accessibility across the UAE.

# Challenges

- Managing seamless integration with multiple payment gateways and social media APIs.
- Ensuring the platform remains fast and responsive while managing over 2 lakh products.
- Safeguarding payment transactions and user data against potential breaches.

# **Technical Spotlight**

- Leveraged Magento 2's native extensibility and robust API framework to streamline third-party integrations.
- Utilized Magento's indexing capabilities and implemented caching using UNIX/Linux configurations.
- Enabled HTTPS, implemented two-factor authentication, and configured Magento's security patches.

### **Solution Highlights**

- Carried out seamless integrations, enabling multi-functional capabilities without compromising performance.
- Ensured fast page loads, providing a smooth user experience.
- Protected user data and transactions, building trust and ensuring compliance with industry standards.

**Tech Stack** 





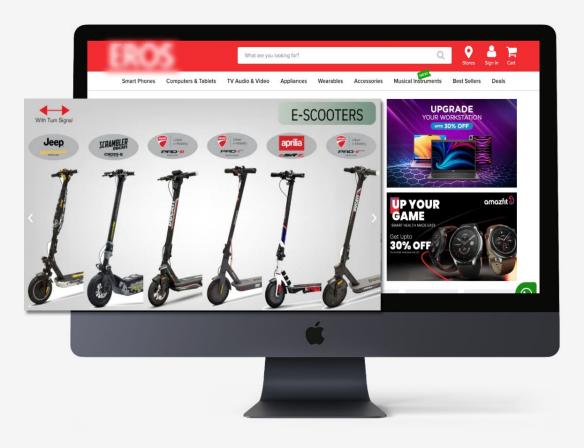
Google APIs











# A Premium Grocery Chain Offering Organic, Natural, and Locally Sourced Products

Customized the e-commerce platform to enhance functionality, design, and user experience.



# Outcomes

# Enhanced Shopping Experience

 Customized the Magento platform theme and responsive design, enhancing the overall shopping experience for users on all devices.

### Streamlined Checkout Process

 Optimized the checkout flow with one-page functionality and custom shipping methods, reducing friction and improving conversion rates.

## **Seamless Payment Integration**

 Provided secure and reliable payment options for customers, boosting trust and transactions.

# Challenges

- Customizing themes to ensure a consistent design across pages, accommodating dynamic updates.
- Integrating secure and reliable payment gateways while maintaining security and compliance.
- Managing a large and diverse product catalog with advanced filtering options and sorting.

# **Technical Spotlight**

- Used Magento 2's theming engine, CSS for precise customization, and AJAX for dynamic content updates.
- Integrated PayPal and Authorize.Net APIs for secure payment transaction processing.
- Leveraged Magento 2's catalog management and MySQL 5.0 for scalable product categorization and advanced filtering.

### **Solution Highlights**

- Ensured a consistent look and feel across the platform, making sure the design is responsive.
- Streamlined the payment process and improved customer confidence.
- Allowed for efficient handling of large product inventories, fast querying, and improved search functionalities.







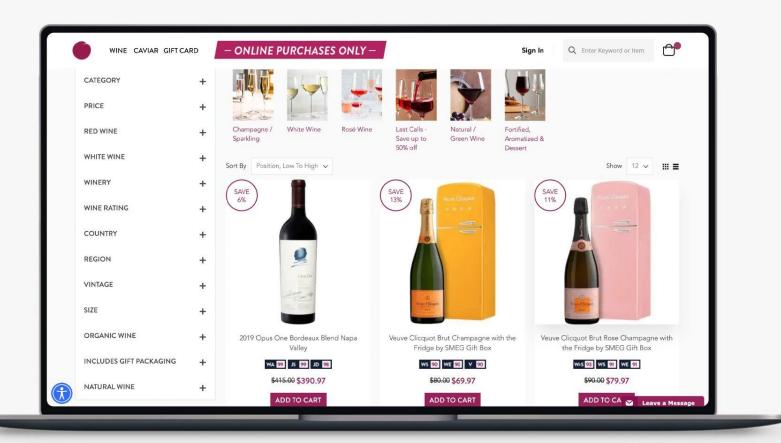
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# A Company Specializing in Health and Wellness Products for Better Living

Redesigned and optimized the platform with enhanced features and multi-territory support.

Responsive Design

Multi-territory Support

API Integrations

Cross-platform Compatibility

# Outcomes

# **Optimized Performance**

 Implemented caching and JS/CSS versioning modules to improve page load speed and enhance user experience.

### Enhanced User Engagement

 Integrated social media APIs, live chat, and dynamic content features to foster interactive and seamless communication.

# Improved E-commerce Functionality

 Enabled configurable products, downloadable content, and out-of-stock notifications for better shopping experiences.

# Challenges

- Implementing advanced shopping features like abandoned cart recovery and wishlist functionality.
- Supporting multiple languages and localized content for 10 regions effectively.
- Seamlessly integrating Magento, WordPress, and third-party APIs (e.g., PayPal, social media).

# **Technical Spotlight**

- Implemented Magento's built-in configurable product modules, customized with PHP and jQuery.
- Created territory-specific Magento instances with language packs and localized settings for each region.
- Utilized Magento's modular structure and APIs for seamless integration with WordPress, PayPal, and social media APIs.

# **Solution Highlights**

- Implemented advanced features successfully, increasing conversions and customer retention.
- Improved regional engagement and user satisfaction.
- Significantly enhanced functionality, such as improved social media sharing and secure payments.







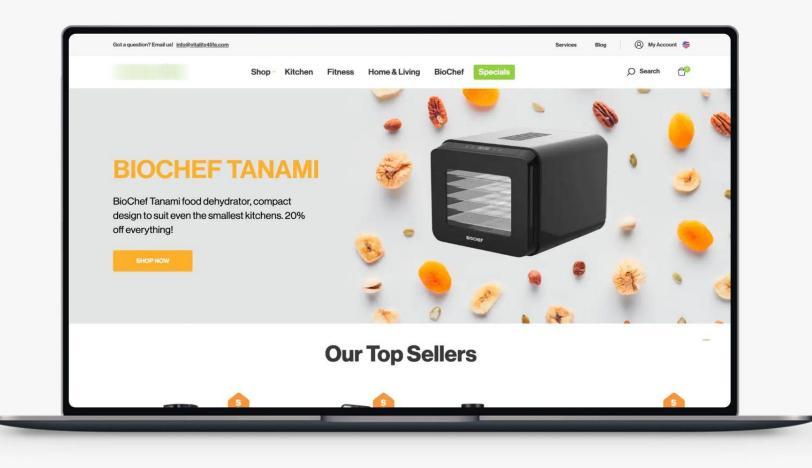


MySQL









# A Company Specializing in Custom Banners, Signs, and Display Solutions

Developed and customized an e-commerce platform with database optimization and feature integration.



# Outcomes

### **Responsive Front-end Design**

 Custom front-end UI development ensured a visually appealing and user-friendly interface, improving navigation and overall user experience.

### Improved Admin Functionality

 Custom admin panel features and backend optimizations allowed for efficient product management, inventory control, and order tracking.

#### **Better Performance**

• Efficient database schema design and performance tuning ensured fast load times and smooth site functionality.

# Challenges

- Implementing complex features (login, product customization, checkout) without compromising performance.
- Building a system that can scale with increased traffic and handle future updates without major restructuring.
- Identifying and resolving errors efficiently, especially with complex functionalities such as product customization.

#### **Technical Spotlight**

- Used Magento 2 for e-commerce capabilities (product customization and inventory management).
- Leveraged the modular structure of Magento 2 for easy updates and scalability.
- Implemented Magento 2's debugging tools to track, diagnose, and resolve issues quickly.

### **Solution Highlights**

- Streamlined the product management, customer interaction, and checkout processes.
- Ensured the platform can grow with increasing products and traffic.
- Improved error management, ensuring stable platform performance, reducing downtime, and improving customer satisfaction.

Vindows





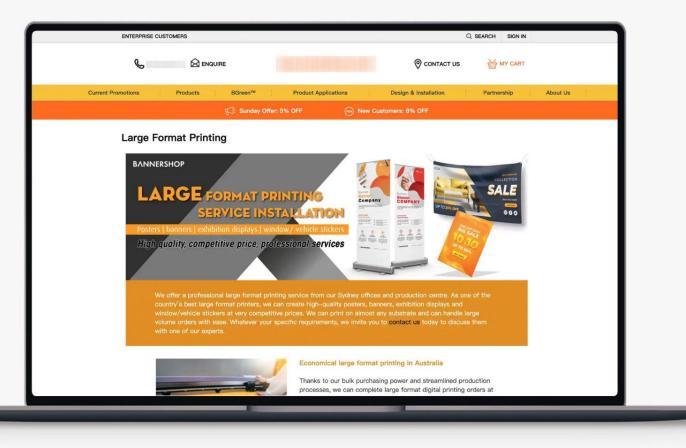












# A Spanish Footwear Brand Known for Eco-Friendly, Sustainable Shoes

Crafted a platform with product management, custom scripts, and social media integrations.

Custom Scripts

Product Management

Social Media Integration

Multilingual Support

# Outcomes

### **Improved Product Management**

 Custom scripts for product, category, and stock updates streamlined product management processes, ensuring real-time accuracy and efficiency.

### **Optimized User Experience**

• Enhanced user navigation and purchase flow, creating a smoother shopping experience.

# **Enhanced Accessibility**

 The platform's support for multiple languages and stores expanded reach and improved accessibility for global customers.

# Challenges

- Managing complex product and category structures without data inconsistency and inefficiency.
- Providing multi-store and multi-language support, managing content and product offerings.
- Managing large product image files without affecting website speed, causing long load times, or resulting in suboptimal user experience.

# **Technical Spotlight**

- Used Magento 2 for flexible category and product management, organizing and updating data seamlessly.
- Leveraged Magento 2's multi-store and multilingual capabilities to manage stores and content.
- Utilized Magento 2's media management tools, with caching strategies to handle large product image files and optimize load times.

# **Solution Highlights**

- Streamlined complex data management for both the adult and kids' footwear collections.
- Enabled seamless management of stores and ensured a global reach.
- Helped manage large product images, reducing load times and ensuring faster page rendering.

Linux/

Twitter AP



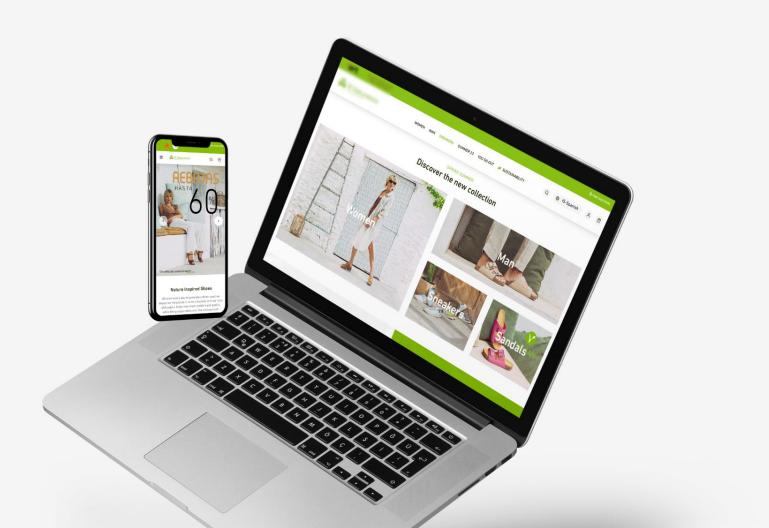








(⊆ jQuery)





# Leading by Passion. Driven by Innovation

