

CASE STUDY

Renov Earth Gift Box Website Design & Development

CUSTOM WORDPRESS GIFT BOX ECOMMERCE PLATFORM

Renov Earth is a custom WordPress eCommerce platform featuring an interactive gift box system with dynamic product fitting, size calculations, animated placement, and scalable CMS management.

TECH STACK WE USED



WordPress



Bootstrap



CSS3



MySQL



Custom Theme

OVERVIEW

Project Overview

LIVE LINK

<https://renovearth.com/>

CLIENT

Renov Earth

INDUSTRY

E-Commerce Technology

PLATFORM

Custom WordPress Store

Modern Gift Box Platform with Custom Shopping Experiences

Renov Earth delivers customized gift box shopping, dynamic product management, and interactive eCommerce experiences through a scalable WordPress platform built for flexible product packaging and seamless online ordering.

Custom Gift Boxes

Create personalized gift boxes with multiple products and flexible packaging options.

Dynamic Product System

Manage products, dimensions, categories, and box calculation workflows efficiently.

Interactive Shopping

Smooth product selection and responsive cart experiences across all devices.

CMS Management

Centralized content and store management with scalable WordPress customization.

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01

Building a fully dynamic gift box system with intelligent product fitting calculations.

Gift Logic

02

Managing height, width, and length calculations for accurate product placement inside boxes.

Size Mapping



03

Automatically resizing gift boxes based on product quantity and occupied space.

Box Scaling

04

Creating smooth visual animations for product placement and interactive box experiences.

Product Animation

05

Developing scalable CMS functionality without using ACF or page builder dependencies.

Custom CMS

PAIN POINT

Challenges Confronted

Managing dynamic gift box calculations, animated product fitting, scalable CMS workflows, and custom WordPress development created advanced functionality and performance challenges for the platform.

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SOLUTIONS

Solution Provided

Custom eCommerce solutions engineered to improve gift box management, product fitting calculations, animated shopping interactions, and scalable CMS administration workflows.



GIFT SYSTEM

Interactive custom gift box functionality with configurable product placement management.



SIZE LOGIC

Dynamic dimension calculations based on product height, width, and length values.



BOX RESIZING

Automatic box scaling according to product quantity and occupied space calculations.



PRODUCT ANIMATION

Smooth visual product fitting interactions with responsive animated box experiences.



CUSTOM PLUGIN

Dedicated WordPress plugin for managing gift products and box configurations.



ADMIN CONTROLS

Flexible backend settings for margins, padding, layouts, and box management.

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TECH STACK

Built With Modern Technology

We use scalable WordPress and custom development technologies to power interactive gift box functionality, dynamic product calculations, responsive shopping experiences, and flexible CMS management.



PLATFORM



WordPress

001 / 004



DATABASE



MySQL

002 / 004



FRONTEND



Bootstrap



CSS3

003 / 004



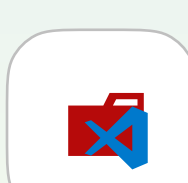
DEVELOPMENT



Zoho



Razorpay



Custom Theme & Plugin Development

004 / 004

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RESULT

Results & Impact Metrics

Custom gift box infrastructure, intelligent size calculations, animated product placement, and scalable CMS workflows improved engagement, shopping experience, and overall store performance.



Custom Gift Box System

Built a fully customized gift box solution with dynamic product placement functionality.



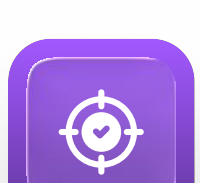
Intelligent Size Calculations

Automatically calculates product dimensions based on height, width, and length.



Dynamic Box Resizing

Gift box size adjusts automatically according to selected products and quantities.



Product Placement

Interactive animations visually position products inside the gift box layout.



CMS-Driven Management

Admins can manage products, dimensions, and gift box settings from the backend.



Scalable WordPress Solution

Custom theme and plugin architecture built for future growth and easy maintenance.



Additional Insights

Intelligent Product Fitting

Automatically determines how products fit inside available gift box space.

Flexible Admin Controls

Manage box sizes, padding, margins, layouts, and gift products directly from CMS.

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Google Reviews
4.6 ★★★★★

Clutch Reviews
4.9 ★★★★★

Upwork Reviews
100%JSS

Dribbble Reviews
4.9 ★★★★★

Behance Reviews
5.0 ★★★★★

PPH Reviews
4.9 ★★★★★

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