

## CLIENT INDUSTRY

### Manufacturing

#### LEVERAGING EXISTING CODE AND REVAMPING A LEGACY WORDPRESS WEBSITE



#### CLIENT BACKGROUND

The client is a leading manufacturer of corrugated packaging. For over 55 years, they have been proudly serving their customers in the Mid-West with quality and reliable corrugated products.

#### INDUSTRY CHALLENGE

The Client's original site was on WordPress and wanted to secure and modernize the existing website to a reliable modern technology. The requirement stated to use the existing legacy programming (which was RPG) to build the updated website.



## The Solution

### 01.

#### For Front-end

Created user friendly, and interactive front end with the help of Angular.

### 02.

#### For security

To ensure robust security of the website, OAuth2.0 was used. It is an industry standard protocol to provide authorization and access to third-party to server resources without sharing owner's credentials.

### 03.

#### For existing code

Existing code of the website is written in RPG, to continue it's usage we used JAVA REST APIs. These APIs provide a RESTful architecture, and enables communication between two software.

## Technology Stack

Angular

Cytoscape

OAuth 2

## Business Impact



Implementation of OAuth 2.0 provided more secured connection and enhanced credibility.



The client experienced positive outcomes with our approach to solve their problem and got a much efficient and modernized website.



Client experienced better traffic, low bounce rates and more stability