



Fullestop Case study for Aqua Radius

Scalable, Usable Application
[@Fullestop.com](https://www.fullestop.com)

CASE STUDY

Aqua Radius – Online Agriculture and Industrial Products Store

AQUA RADIUS™

English Shopping Cart (0)

HOME PAYMENT & DELIVERY TERMS AND CONDITIONS CONTACT US

JAIN® PIPES & FITTINGS

- JAIN® PVC Fittings (Heavy)
- JAIN® PVC Fittings (Light)
- PVC Fabricated Fittings (Solvent Joint)
- JAIN® PVC Pipes
- JAIN® HDPE Pipes

JAIN® DRIP IRRIGATION

- How Drip Irrigation Systems works?
- Poly Tubes & Drippers
- Extension Tube & Fittings
- Inline Laterals & Fittings
- Control & Safety Valves & Valve Boxes

JAIN® SPRINKLER IRRIGATION

- Sprinkler Pipes & Fittings
- Impact sprinklers
- Rain Guns
- Pop Up Sprinklers
- Rainport Assemblies™
- Drilling Tools & Guide

OTHER JAIN® PRODUCTS

- EX-CEL® PVC plastic sheet
- JAIN Tissue Culture Banana
- JAIN Tissue Culture Pomegranate
- JAIN® Mango Grafts

PRODUCTS OF OTHER COMPANIES

- STIHL® Tools for Agriculture
- Spares for STIHL® Tools for Agriculture
- Tender Coconut Opener
- Water & Power Automation

URL: <http://aquaradius.com>

Category: E-commerce

DOCUMENT SUMMARY

This document highlights the main aspects of the Aqua Radius; an ecommerce platform to sell different kinds of agricultural and industrial products online for the ease and comfort of the consumers. Drafted Case Study is analysed by the Fullestop Sales team in detail. It intends to draw a word picture of the study of Aqua Radius.



Case Study of Aqua Radius emphasize on encompassing the various development and functional aspects of the aqua radius developed by the Fullestop. It develops a background for the understanding of the main reason for the development of this website. . This document contains analysis of the aqua radius e-commerce implementation for providing high performance solution to the client.

OBJECTIVE

The primary goal was to provide users an ecommerce platform online to buy different types of agricultural products without any hassle, saving the time and efforts to search products from different places. The system should showcase the wide range of products used in agriculture and industries providing the extensive information about them. The main emphasis needs to be placed on attracting users through time and money saving services, build users loyalty, maximise Brand Power and increase revenue through the portal.

The system should allow the user to enquire about the product as well as can buy them. It would assist the users to browse the product, add to cart and pay for it by secure payment gateway. User can also select the colour, size and quantity of the products. In this way, the system should provide the advanced solutions to customers worldwide.

SYNOPSIS

Aquaradius focuses on presenting an efficient ecommerce platform to the site-visitors who seek to buy different types of products related to agriculture and industries with their specifications.

Fullestop developed the above platform in various phases of development. The changing phases were the result of varying requirements and need.

The first stage was the development of the CMS website, where only the information about the products and company was displayed. When this stage was finalized, the final project moved one to the next stage.

The next stage in the development process was the integration of categories of products and further information display. This phase needed the CMS to be descriptive, categorized and informative.



In the stage after that, the integration of shopping cart in the website was needed to be done. The informative CMS was converted into a basic ecommerce platform.

Finally, the project in the third phase, the basic ecommerce system was converted into a further categorized and sub-categorized ecommerce platform, with information about the products to sell.

CHALLENGES

Following are the challenges Fullestop faced while developing Aqua Radius:

- The development process was adapted continuously according to the changing requirements.
- The system was updated by adding subcategories and information content to it.
- As per the further requirements, the CMS was modified into a basic ecommerce platform.
- Testing the website in various user scenarios parallel to the development as the needs are changing rapidly and due to shortage of time to deliver the website.

TECHNOLOGIES USED

Following are the technologies, which Fullestop used in the development of Aqua Radius:

- **HTML 5/ CSS:** For development of user interface.
- **JavaScript/ JQuery/ AJAX:** Client side scripting for incorporating additional features like validations, carousal and page transitions.
- **Cake PHP:** Server-side Scripting Language for Web Development.
- **Apache:** Web server
- **MySQL:** Database server for storing and fetching website data.

RESULT

Fullestop successfully achieved the objectives and overcame with the following results:

- The result was an efficient website with the desired modules integrated stage-by-stage.
- The platform provided well defined categories of the products along with informative content about each corresponding product..



- An simple, minimal and fast ecommerce solution
- Well defined and simple shopping cart simple, as per the requirements.
- Robust and elegant user interface.

A case study by- Fullestop

