

- **TECHNOLOGIES
USED**

PrestaShop

PrestaShop is an Open Source e-commerce web application, committed to providing the best shopping cart experience for both merchants and customers. It is written in PHP, is highly customizable, supports all the major payment services, is translated in many languages and localized for many countries, has a fully responsive design (both front and back office), etc.

To install PrestaShop, you need a web server running PHP and any flavor of MySQL (MySQL, MariaDB, Percona Server, etc). You will also need a database administration tool, such as phpMyAdmin, in order to create a database for PrestaShop. It is recommended the Apache or Nginx web servers.).

PrestaShop version used: 1.7.8.7



PHP

PHP is a server scripting language, and a powerful tool for making dynamic and interactive Web pages. PHP is a widely-used, free, and efficient alternative to competitors such as Microsoft's ASP.

PHP is a server side scripting language that is embedded in HTML. It is used to manage dynamic content, databases, session tracking, even build entire e-commerce sites.

It is integrated with a number of popular databases, including MySQL, PostgreSQL, Oracle, Sybase, Informix, and Microsoft SQL Server.

PHP version used: 7.4



XAMPP

XAMPP is the most popular PHP development environment.

XAMPP is a completely free, easy to install Apache distribution containing MariaDB, PHP, and Perl.

XAMPP version used: 7.4.30



Apache HTTP Server

The Apache HTTP Server is a powerful and flexible HTTP/1.1 compliant web server. Originally designed as a replacement for the NCSA HTTP Server, it has grown to be the most popular web server on the Internet. As a project of the Apache Software Foundation, the developers aim to collaboratively develop and maintain a robust, commercial-grade, standards-based server with freely available source code.



phpMyAdmin

phpMyAdmin is a free software tool written in PHP, intended to handle the administration of MySQL over the Web. phpMyAdmin supports a wide range of operations on MySQL and MariaDB. Frequently used operations (managing databases, tables, columns, relations, indexes, users, permissions, etc) can be performed via the user interface, while you still have the ability to directly execute any SQL statement.



MySQL

In regard to the general definition, MySQL is an open source relational database management system (RDBMS) with a client-server model. RDBMS is a software or service used to create and manage databases based on a relational model.

MySQL creates a database for storing and manipulating data, defining the relationship of each table.

Clients can make requests by typing specific SQL statements on MySQL. The server application will respond with the requested information and it will appear on the clients' side.

