**Laravel Framework**:

[Laravel](https://laravel.com/) is primarily used for building custom web apps using PHP. It’s a web framework that handles many things that are annoying to build yourself, such as routing, templating HTML, and authentication.

Laravel is entirely server-side, due to running on PHP, and focuses heavily on data manipulation and sticking to a Model-View-Controller design. A framework like React might put most of its attention on user interaction and shiny features, but Laravel simply presents a solid foundation for you to build off— and does it right.

PHP:

PHP is a recursive acronym for "PHP: Hypertext Preprocessor".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.

PhpMyAdmin :

phpMyAdmin is a free software tool written in [PHP](https://php.net/), intended to handle the administration of [MySQL](https://www.mysql.com/) 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:

MySQL is an open-source relational database management system. Its name is a combination of "My", the name of co-founder Michael Widenius's daughter, and "SQL", the abbreviation for Structured Query Language.

**Xampp:**

 XAMPP is a software distribution which provides the Apache web server, MySQL database (actually MariaDB), Php and Perl (as command-line executables and Apache modules) all in one package. ... Also provided is PhpMyadmin which gives a GUI tool for managing your MySQL databases.

Composer:

Composer is a tool for dependency management in PHP. It allows you to declare the libraries your project depends on and it will manage (install/update) them for you.

Suppose:

1. You have a project that depends on a number of libraries.
2. Some of those libraries depend on other libraries.

Composer:

1. Enables you to declare the libraries you depend on.
2. Finds out which versions of which packages can and need to be installed, and installs them (meaning it downloads them into your project).
3. You can update all your dependencies in one command.

Git:

Git is a free and open source distributed version control system designed to handle everything from small to very large projects with speed and efficiency. Git is software for tracking changes in any set of files, usually used for coordinating work among programmers collaboratively developing source code during software development. Its goals include speed, data integrity, and support for distributed, non-linear workflows.

Git hub:

GitHub is a web-based version-control and collaboration platform for software developers, Git is used to [store the source code for a project](https://searchvmware.techtarget.com/tip/How-to-use-GitHub-vRA-integration-to-keep-track-of-blueprints) and track the complete history of all changes to that code. It allows developers to collaborate on a project more effectively by providing tools for managing possibly conflicting changes from multiple developers.

JavaScript:

JavaScript, often abbreviated as JS, is a programming language that conforms to the ECMAScript specification. JavaScript is high-level, often just-in-time compiled, and multi-paradigm. It has curly-bracket syntax, dynamic typing, prototype-based object-orientation, and first-class functions.

JQuery:

JQuery is an open-sourced JavaScript library that simplifies creation and navigation of web applications. Specifically, jQuery simplifies [HTML](https://whatis.techtarget.com/fileformat/HTML-A-Web-page) Document Object Model ([DOM](https://whatis.techtarget.com/definition/Document-Object-Model)) manipulation, Asynchronous JavaScript and XML ([Ajax](https://theserverside.techtarget.com/definition/Ajax)) and event handling. Additionally, jQuery incorporates JavaScript functionalities by manipulating CSS properties to add effects such as fade-ins and outs for website elements. jQuery is a widely used JavaScript [library](https://searchsqlserver.techtarget.com/definition/library) and is supported by thousands of user-created [plug-ins](https://whatis.techtarget.com/definition/plug-in).

AJAX:

AJAX = **Asynchronous JavaScript and XML**. AJAX is a technique for creating fast and dynamic web pages. AJAX allows web pages to be updated asynchronously by exchanging small amounts of data with the server behind the scenes. This means that it is possible to update parts of a web page, without reloading the whole page.

Html:

The HyperText Markup Language, or HTML is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets and scripting languages such as JavaScript.

CSS:

Cascading Style Sheets is a style sheet language used for describing the presentation of a document written in a markup language such as HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

Bootstrap

Bootstrap is a free and open-source CSS framework directed at responsive, mobile-first front-end web development. It contains CSS- and JavaScript-based design templates for typography, forms, buttons, navigation, and other interface components.

PhpStorm :

PhpStorm is an innovative, Java-based integrated development environment (IDE) engineered by JetBrains for PHP and web developers. It supports PHP 5.3/5.4/5.5/5.6/7.0/7.1/7.2/8.0, provides on-the-fly error prevention,best auto completion and code refactoring, zero-configuration debugging, and an extended HTML, CSS and JavaScript editor.

Visual Studio Code:

Visual Studio Code is a free and open-source code editor developed by Microsoft. Visual Studio Code is often called VS Code, VS Code works across platforms including Windows, Linux, and macOS.

draw.io

draw.io is completely free online diagram editor built around Google Drive(TM), that enables you to create flowcharts, UML, entity relation, network diagrams, mockups and more.

Lucidchart

Lucidchart, created by Lucid Software, is a collaborative web-based diagramming and flowchart application. It is built on web standards such as HTML5 and Javascript and as such can be accessed from any device with a browser. It can be used to create flowcharts, iPhone app mockups, mind maps, organisational charts, website wireframes, UML diagrams, network diagrams, and many other diagram types.