**10 Technologies meanings and how to use them**

**Php-**is a script language and interpreter that is freely available and used primarily on Linux Web servers. PHP, originally derived from Personal HomePage Tools, now stands for PHP: Hypertext Preprocessor, which the PHP FAQ describes as a "recursive acronym."(Server Side along with MySQL)

**MVC-(Model-View-Controller) —** later become the design pattern for the vast majority of web applications and the frameworks on which they are based. PHP frameworks like CodeIgniter, CakePHP, and Laravel are designed to make building MVC-style applications as easy as possible. (Broken Down- Separates calculations and interface from eachother. Model: Data and methods used to work with. View: The Interface. Controller: Coordinates interactions between View and Model)

**AngularJS-**is a JavaScript framework that helps build web applications. Open source and great for single page applications.

**JavaScript-**an object-oriented computer programming language commonly used to create interactive effects within web browsers. JavaScript® (often shortened to JS) is a lightweight, interpreted, object-oriented language with first-class functions, and is best known as the scripting language for Web pages, but it's used in many **non**-browser environments as well. Javascript (JS) is a scripting languages, primarily used on the Web. It is used to enhance HTML pages and is commonly found embedded in HTML code. JavaScript is an interpreted language. JavaScript renders web pages in an interactive and dynamic fashion. ( function of the webpage and makes things fun and move around)

**Python-** is an interpreted, object-oriented **programming** language similar to PERL, that has gained popularity because of its clear syntax and readability. A notable feature of Python is its indenting of source statements to make the code easier to read.

**Linux-** Linux is a free open source operating system (OS) Example-Windows or MAC. Users can modify and create variations of the source code, known as distributions, for computers and other devices. ( Development Platfrom)

**Node.js** - A JavaScript-based development platform for creating server-side Web applications. JavaScript is traditionally associated with Web pages and executed by the browser. However, Node.js enables JavaScript programmers to use a familiar language on the server. A runtime environment for excuting JavaScript code.

**Framework-** Software framework In computer programming, a software framework is an abstraction in which software providing generic functionality can be selectively changed by additional user-written code, thus providing application-specific software. ( Gives you structure and you do the work inside it). EX. Frame of house picture frame

**API-** An application program interface (**API**) is a set of routines, protocols, and tools for building **software** applications. Basically, an **API** specifies how **software** components should interact. Additionally, APIs are used when programming graphical user interface (GUI) components. (Engine under the hood, The messenger, waiter at the restaurant running back and forth from data bases back to you)

**HTML-** Hypertext Markup Language, a standardized system for tagging text files to achieve font, color, graphic, and hyperlink effects on World Wide Web pages. **(is just the content of a webpage, they use tags <html>**

**CSS-** Stands for "Cascading Style Sheet.". Cascading style sheets are used to format the layout of Web pages. They can be used to define text styles, table sizes, and other aspects of Web pages that previously could only be defined in a page's HTML. CSS helps Web developers create a uniform look across several pages of a Web site. **(puts the style and look to it)**