**API**- Application program interface (API) is a set of routines, protocols, and tools for building software applications. An API specifies how software components should interact and APIs are used when programming graphical user interface (GUI) components. A good API makes it easier to develop a program by providing all the building blocks. A programmer then puts the blocks together.

**Graceful degradation**- is the practice of building your web functionality so that it provides a certain level of user experience in more modern browsers, but it will also degrade gracefully to a lower level of user in experience in older browsers. This lower level is not as nice to use for your site visitors, but it does still provide them with the basic functionality that they came to your site to use; things do not break for them.

**Progressive enhancement-** is similar, but it does things the other way round. You start by establishing a basic level of user experience that all browsers will be able to provide when rendering your web site, but you also build in more advanced functionality that will automatically be available to browsers that can use it.

**jQuery-** is a fast and concise JavaScript Library created by John Resig in 2006 with a nice motto − Write less, do more. jQuery simplifies HTML document traversing, event handling, animating, and Ajax interactions for rapid web development.

**AngularJS** is a structural framework for dynamic web apps. It lets you use HTML as your template language and lets you extend HTML's syntax to express your application's components clearly and succinctly. Angular's data binding and dependency injection eliminate much of the code you would otherwise have to write.

**Rails** is a web application development framework written in the Ruby language. It is designed to make programming web applications easier by making assumptions about what every developer needs to get started. It allows you to write less code while accomplishing more than many other languages and frameworks.

**Express.js**, or simply Express, is a [web application framework](https://en.wikipedia.org/wiki/Web_application_framework) for [Node.js](https://en.wikipedia.org/wiki/Node.js), released as [free and open-source software](https://en.wikipedia.org/wiki/Free_and_open-source_software) under the [MIT License](https://en.wikipedia.org/wiki/MIT_License). It is designed for building [web applications](https://en.wikipedia.org/wiki/Web_application) and[APIs](https://en.wikipedia.org/wiki/API).[[1]](https://en.wikipedia.org/wiki/Express.js#cite_note-ExpressJS-1) It is the de facto standard server framework for Node.js.[[2]](https://en.wikipedia.org/wiki/Express.js#cite_note-2) The original author, TJ Holowaychuk, described it as a [Sinatra](https://en.wikipedia.org/wiki/Sinatra_(software))-inspired server,[[3]](https://en.wikipedia.org/wiki/Express.js#cite_note-3) meaning that it is relatively minimal with many features available as plugins. Express is the backend part of the [MEAN stack](https://en.wikipedia.org/wiki/MEAN_(software_bundle)), together with [MongoDB](https://en.wikipedia.org/wiki/MongoDB) database and [AngularJS](https://en.wikipedia.org/wiki/AngularJS) frontend framework.

**Node.js** is a platform built on Chrome's JavaScript runtime for easily building fast and scalable network applications. Node.js uses an event-driven, non-blocking I/O model that makes it lightweight and efficient, perfect for data-intensive real-time applications that run across distributed devices.

**The Model-View-Controller (MVC)** is an architectural pattern that separates an application into three main logical components: the model, the view, and the controller. Each of these components are built to handle specific development aspects of an application. MVC is one of the most frequently used industry-standard web development framework to create scalable and extensible projects.

A **RESTful API** is an application program interface ([API](http://searchexchange.techtarget.com/definition/application-program-interface)) that uses [HTTP](http://searchwindevelopment.techtarget.com/definition/HTTP) requests to GET, PUT, POST and DELETE data.