

## Front-end Technologies

Front-end	Front-end is a term that involves the building of webpages and user interfaces for web-applications. It implements the structure, design, behavior, and animation of everything you see on the screen when you open up websites, web applications, or mobile apps. The core 3 technologies that all modern front-end web developers work to master are <a href="#">HTML5</a> , <a href="#">CSS</a> , and <a href="#">JavaScript</a> .
AJAX	Ajax, short for Asynchronous Java and <a href="#">XML</a> , has allowed developers to create interactive web-pages with rich interfaces with the help of <a href="#">XML</a> , <a href="#">HTML</a> , <a href="#">CSS</a> , and <a href="#">JavaScript</a> . It helps create better, faster, and more interactive web-applications.
Angular	A client-side <a href="#">JavaScript</a> framework which is based on <a href="#">MVC</a> architecture. It simplifies web development by offering automatic view/model synchronization. Angular is lightweight, supports all major browsers, and built for creating testable <a href="#">JavaScript</a> code.
Angular 2	A version of Google's Angular framework. Unlike <a href="#">AngularJS</a> , Angular 2 is not an <a href="#">MVC</a> framework, but rather a component-based framework where an application is a tree of loosely coupled components.
Angular CLI	A command line interface tool used to quickly build <a href="#">Angular</a> apps. It can create a project, add files, and perform a variety of ongoing dev tasks such as testing, bundling, and deployment.
Atom	A hackable text editor that is used to search for and install new packages, write code with a autocomplete, split an interface to compare code across files, etc.
Aurelia	A <a href="#">JavaScript</a> client framework with an emphasis on simple conventions and <a href="#">ES6/ES7</a> support.
Babel	A tool for compiling ES6/ES7 code to ECMAScript 5 code, which can be used today in any modern browser. It translates high-level application code into lower level code or binaries.
BabylonJS	An open source framework that enables you to build 3D experiences in a browser. It is based on <a href="#">WebGL</a> and <a href="#">JavaScript</a> .
Backbone.js	A client-side <a href="#">JavaScript</a> library intended to be used for building single-page JavaScript web apps. It brings structure to the development of web applications by encouraging complete separation between app logic and the presentation of the app content.
BEM	BEM – meaning block, element, modifier – is a methodology that provides a structured <a href="#">CSS</a> organization by arranging CSS classes into independent modules. It massively improves code maintainability and speeds up the development process.
Blaze	A <a href="#">UI</a> framework created for <a href="#">Meteor</a> that is mainly focused on <a href="#">HTML</a> templates.
Bootstrap	An open source toolkit for building responsive, mobile-first projects on the web with <a href="#">HTML</a> , <a href="#">CSS</a> , and <a href="#">JavaScript</a> . Enables to quickly prototype ideas or build the entire app using Sass variables and mixins, responsive grid system, extensive prebuilt components, and powerful plugins built on jQuery.
Bourbon	A mixin library for <a href="#">Sass</a> and a powerful tool for cross-browser compatibility.
Bower	A <a href="#">front-end</a> package manager (also known as a package manager for the web) that is built by Twitter. It is used to manage components that contain <a href="#">HTML</a> , <a href="#">CSS</a> , <a href="#">JS</a> , fonts, etc., helps developers download and update them, resolve their dependencies.
Broccoli	A flexible and fast build tool based on <a href="#">Node.js</a> , it provides an asset pipeline for applications that run in the browser.
Browserify	An open-source <a href="#">JavaScript</a> development tool, allows to write Node.js-style modules that compile for use in the browser, enables the requiring packages installed via NPM.
Brunch	A web app build tool with an opinionated pipeline and workflow, <a href="#">NPM</a> support, source maps, incremental builds etc. With all these features, it is able to provide a smooth experience making config files take a drastic cut.
CanvasJS	An easy to use <a href="#">HTML 5</a> and <a href="#">JavaScript</a> charting library. CanvasJS Charts are responsive and can run across various devices including iPhone, iPad, Android, Windows Phone, Desktops, etc.
ClojureScript	A compiler for <a href="#">Clojure</a> designed to emit <a href="#">JavaScript</a> code that is compatible with the advanced compilation mode of the Google Closure optimizing compiler.
Compass	A <a href="#">CSS</a> library that is used, primarily, to include browser prefixes on certain CSS properties. It makes website design simpler to implement and easier to maintain.
Core.js	A base part of the JavaScript language that is supported on both the client and the server side.
CSS	A style sheet language that is used for presentation and formatting content on the web pages, including font, size, color, spacing, border and location of HTML information.

