

Miscellaneous

Web development I: Front-end engineering

Bootstrap

<https://getbootstrap.com/>

Very popular

The de-facto CSS framework

Material Design

<https://material.io/develop/web/getting-started>

Very sophisticated

Seldom used outside Google projects

More CSS frameworks

Tailwind CSS

<https://tailwindcss.com/>

Bulma

<https://bulma.io/>

Materialize CSS

<https://materializecss.com/>

Foundation

<https://get.foundation/sites/docs/index.html>

UI Kit

<https://getuikit.com/docs/introduction>

Tacit

<https://github.com/yegor256/tacit>

JS frameworks

jQuery

<https://jquery.com/>

DOM manipulation

Very popular (still)

Lodash

<https://lodash.com/>

Utility functions

Very helpful

AngularJS

<https://angularjs.org/>

Created and maintained by Google

Simple to use

Newer versions require TypeScript

React

<https://reactjs.org/>

Created and maintained by Facebook

Custom syntax (JSX)

Compilation needed

MVC frameworks

Vue.js

<https://vuejs.org/>

Clean and concise

Very modular

Svelte

<https://svelte.dev/>

Very lightweight

Compilation needed

Dependency management

Browserify

<https://browserify.org/>

`require` modules in the browser

Webpack

<https://webpack.js.org/>

Generic bundler

Build systems

Grunt

<https://gruntjs.com/>

File oriented

Lots of plugins

Configuration over programming

Gulp

<https://gulpjs.com/>

Streams oriented

More sophisticated

Programming over configuration

UglifyJS

<https://github.com/mishoo/UglifyJS>

Very popular

CSS version: [UglifyCSS](#)

Closure Compiler

<https://developers.google.com/closure/compiler>

Created and maintained by Google

PageSpeed

<https://developers.google.com/speed>

Provides a performance report

Web API available

Lighthouse

<https://developers.google.com/web/tools/lighthouse>

Provides a more detailed report

Integrated in Google Chrome

Version control

Git

<https://git-scm.com/>

Decentralized

Fairly complex

SVN

<https://subversion.apache.org/>

Centralized

Simpler to learn