JavaScript – **JavaScript** ([/ˈdʒɑːvəˌskrɪpt/](https://en.wikipedia.org/wiki/Help:IPA/English)[[6]](https://en.wikipedia.org/wiki/JavaScript#cite_note-6)), often abbreviated as **JS**, is a [high-level](https://en.wikipedia.org/wiki/High-level_programming_language), [interpreted](https://en.wikipedia.org/wiki/Interpreted_language) [programming language](https://en.wikipedia.org/wiki/Programming_language). It is a language which is also characterized as [dynamic](https://en.wikipedia.org/wiki/Dynamic_programming_language), [weakly typed](https://en.wikipedia.org/wiki/Weak_typing), [prototype-based](https://en.wikipedia.org/wiki/Prototype-based_programming) and [multi-paradigm](https://en.wikipedia.org/wiki/Multi-paradigm_programming_language). Alongside [HTML](https://en.wikipedia.org/wiki/HTML) and [CSS](https://en.wikipedia.org/wiki/CSS), JavaScript is one of the three core technologies of [World Wide Web](https://en.wikipedia.org/wiki/World_Wide_Web) [content engineering](https://en.wikipedia.org/wiki/Content_engineering).

Bootstrap – **Bootstrap** is a [free and open-source](https://en.wikipedia.org/wiki/Free_and_open-source_software) front-end library for designing [websites](https://en.wikipedia.org/wiki/Website) and [web applications](https://en.wikipedia.org/wiki/Web_application). It contains [HTML](https://en.wikipedia.org/wiki/HTML)- and [CSS](https://en.wikipedia.org/wiki/CSS)-based design templates for [typography](https://en.wikipedia.org/wiki/Typography), forms, buttons, navigation and other interface components, as well as optional [JavaScript](https://en.wikipedia.org/wiki/JavaScript) extensions. Unlike many web frameworks, it concerns itself with [front-end development](https://en.wikipedia.org/wiki/Front-end_web_development) only.

Agile – **Agile software development** describes an approach to [software development](https://en.wikipedia.org/wiki/Software_development) under which requirements and solutions evolve through the collaborative effort of self-organizing [cross-functional teams](https://en.wikipedia.org/wiki/Cross-functional_team) and their [customer(s)](https://en.wikipedia.org/wiki/Customer)/[end users(s)](https://en.wikipedia.org/wiki/End_user).[[1]](https://en.wikipedia.org/wiki/Agile_software_development#cite_note-Collier_2011-1) It advocates adaptive planning, evolutionary development, early delivery, and continuous improvement, and it encourages rapid and flexible response to change.[[2]](https://en.wikipedia.org/wiki/Agile_software_development#cite_note-WhatIsAgile-2)

Java – **Java** is a general-purpose [computer-programming language](https://en.wikipedia.org/wiki/Programming_language) that is [concurrent](https://en.wikipedia.org/wiki/Concurrent_computing), [class-based](https://en.wikipedia.org/wiki/Class-based_programming), [object-oriented](https://en.wikipedia.org/wiki/Object-oriented_programming),[[15]](https://en.wikipedia.org/wiki/Java_(programming_language)#cite_note-FOOTNOTEGoslingJoySteeleBracha20141-15) and specifically designed to have as few implementation dependencies as possible. It is intended to let application developers "[write once, run anywhere](https://en.wikipedia.org/wiki/Write_once,_run_anywhere)" (WORA),[[16]](https://en.wikipedia.org/wiki/Java_(programming_language)#cite_note-16) meaning that [compiled](https://en.wikipedia.org/wiki/Compiler) Java code can run on all platforms that support Java without the need for recompilation.[[17]](https://en.wikipedia.org/wiki/Java_(programming_language)#cite_note-design_goals-17) Java applications are typically compiled to [bytecode](https://en.wikipedia.org/wiki/Java_bytecode) that can run on any [Java virtual machine](https://en.wikipedia.org/wiki/Java_virtual_machine) (JVM) regardless of [computer architecture](https://en.wikipedia.org/wiki/Computer_architecture).

React – In [computing](https://en.wikipedia.org/wiki/Computing), **React** (sometimes styled **React.js** or **ReactJS**) is a [JavaScript library](https://en.wikipedia.org/wiki/JavaScript_library)[[2]](https://en.wikipedia.org/wiki/React_(JavaScript_library)#cite_note-2) for building [user interfaces](https://en.wikipedia.org/wiki/User_interfaces).

It is maintained by [Facebook](https://en.wikipedia.org/wiki/Facebook), [Instagram](https://en.wikipedia.org/wiki/Instagram) and a community of individual developers and corporations.[[3]](https://en.wikipedia.org/wiki/React_(JavaScript_library)#cite_note-3)[[4]](https://en.wikipedia.org/wiki/React_(JavaScript_library)#cite_note-4)[[5]](https://en.wikipedia.org/wiki/React_(JavaScript_library)#cite_note-5)

React allows developers to create large web-applications that use data and can change over time without reloading the page. It aims primarily to provide speed, simplicity, and scalability. React processes only user interfaces in applications. This corresponds to View in the [Model-View-Controller](https://en.wikipedia.org/wiki/Model-View-Controller) (MVC) pattern, and can be used in combination with other [JavaScript](https://en.wikipedia.org/wiki/JavaScript) libraries or frameworks in MVC, such as [AngularJS](https://en.wikipedia.org/wiki/AngularJS).[[6]](https://en.wikipedia.org/wiki/React_(JavaScript_library)#cite_note-6)

Angular – **Angular** (commonly referred to as "**Angular 4**" or "**Angular 2**") is a [TypeScript](https://en.wikipedia.org/wiki/TypeScript)-based [open-source](https://en.wikipedia.org/wiki/Open-source_software) front-end [web application platform](https://en.wikipedia.org/wiki/Web_framework) led by the Angular Team at [Google](https://en.wikipedia.org/wiki/Google) and by a community of individuals and corporations. Angular is a complete rewrite from the same team that built [AngularJS](https://en.wikipedia.org/wiki/AngularJS).

Tomcat – **Apache Tomcat**, often referred to as **Tomcat Server**, is an open-source [Java Servlet Container](https://en.wikipedia.org/wiki/Servlet_container) developed by the [Apache Software Foundation](https://en.wikipedia.org/wiki/Apache_Software_Foundation) (ASF). Tomcat implements several [Java EE](https://en.wikipedia.org/wiki/Java_Platform,_Enterprise_Edition) specifications including [Java Servlet](https://en.wikipedia.org/wiki/Java_Servlet), [JavaServer Pages](https://en.wikipedia.org/wiki/JavaServer_Pages" \o "JavaServer Pages)(JSP), [Java EL](https://en.wikipedia.org/wiki/Unified_Expression_Language), and [WebSocket](https://en.wikipedia.org/wiki/WebSocket" \o "WebSocket), and provides a "pure [Java](https://en.wikipedia.org/wiki/Java_(programming_language))" [HTTP](https://en.wikipedia.org/wiki/Hypertext_Transfer_Protocol) [web server](https://en.wikipedia.org/wiki/Web_server) environment in which [Java](https://en.wikipedia.org/wiki/Java_(programming_language)) code can run.

Git – **Git** ([/ɡɪt/](https://en.wikipedia.org/wiki/Help:IPA/English)[[7]](https://en.wikipedia.org/wiki/Git#cite_note-:0-7)) is a [version control system](https://en.wikipedia.org/wiki/Version_control_system) for tracking changes in [computer files](https://en.wikipedia.org/wiki/Computer_file) and coordinating work on those files among multiple people. It is primarily used for [source code management](https://en.wikipedia.org/wiki/Source_code_management) in [software development](https://en.wikipedia.org/wiki/Software_development),[[8]](https://en.wikipedia.org/wiki/Git#cite_note-effcomp-8) but it can be used to keep track of changes in any set of files. As a [distributed revision control](https://en.wikipedia.org/wiki/Distributed_revision_control) system it is aimed at speed,[[9]](https://en.wikipedia.org/wiki/Git#cite_note-kernel_SCM_saga-9) data integrity,[[10]](https://en.wikipedia.org/wiki/Git#cite_note-integrity_goals-10) and support for distributed, non-linear workflows.[[11]](https://en.wikipedia.org/wiki/Git#cite_note-linusGoogleTalk-11)

.Net – **.NET Framework** (pronounced *dot net*) is a [software framework](https://en.wikipedia.org/wiki/Software_framework)developed by [Microsoft](https://en.wikipedia.org/wiki/Microsoft) that runs primarily on [Microsoft Windows](https://en.wikipedia.org/wiki/Microsoft_Windows). It includes a large [class library](https://en.wikipedia.org/wiki/Class_library) named [Framework Class Library](https://en.wikipedia.org/wiki/Framework_Class_Library) (FCL) and provides [language interoperability](https://en.wikipedia.org/wiki/Language_interoperability) (each language can use code written in other languages) across several [programming languages](https://en.wikipedia.org/wiki/Programming_language). Programs written for .NET Framework execute in a [software](https://en.wikipedia.org/wiki/Software) environment (in contrast to a [hardware](https://en.wikipedia.org/wiki/Computer_hardware) environment) named [Common Language Runtime](https://en.wikipedia.org/wiki/Common_Language_Runtime) (CLR), an [application virtual machine](https://en.wikipedia.org/wiki/Process_virtual_machine) that provides services such as security, [memory management](https://en.wikipedia.org/wiki/Memory_management), and [exception handling](https://en.wikipedia.org/wiki/Exception_handling). (As such, computer code written using .NET Framework is called "[managed code](https://en.wikipedia.org/wiki/Managed_code)".) FCL and CLR together constitute .NET Framework.

Python – **Python** is an [interpreted](https://en.wikipedia.org/wiki/Interpreted_language) [high-level programming language](https://en.wikipedia.org/wiki/High-level_programming_language) for [general-purpose programming](https://en.wikipedia.org/wiki/General-purpose_programming_language). Created by [Guido van Rossum](https://en.wikipedia.org/wiki/Guido_van_Rossum) and first released in 1991, Python has a design philosophy that emphasizes [code readability](https://en.wikipedia.org/wiki/Code_readability), and a [syntax](https://en.wikipedia.org/wiki/Syntax_(programming_languages)) that allows programmers to express concepts in fewer [lines of code](https://en.wikipedia.org/wiki/Source_lines_of_code),[[25]](https://en.wikipedia.org/wiki/Python_(programming_language)#cite_note-Summerfield-25)[[26]](https://en.wikipedia.org/wiki/Python_(programming_language)#cite_note-26) notably using [significant whitespace](https://en.wikipedia.org/wiki/Significant_whitespace). It provides constructs that enable clear programming on both small and large scales.[[27]](https://en.wikipedia.org/wiki/Python_(programming_language)#cite_note-AutoNT-7-27)