

📁 Part 1

Ultimate Developer Cheat Sheet



Accessibility uhk · seh · suh · bi · luh · tee

Enabling as many people as possible to use Websites.

Agile

Keeping code simple, testing often, and delivering small, functional bits of the application.

Algorithm al · guh · ri · thm

A process or set of rules to be followed in calculations by a computer.

API

Application Program/Programming Interface. It is how computers and applications communicate with each other.

Application Program

A program used to perform different tasks for the end user.

Asynchronous ei · sing · kruh · nuhs

A process that operates independently of other processes.



Backend

A program's code that allow it to operate and that cannot be accessed by a user.

Backlink

A link to one website from another.

Bootstrap

A Front end development framework for the creation of websites and web apps.

Breadcrumbs

A navigation trail to see where the current page is in the structure.

Browser

A software program used to navigate the internet such as chrome, safari or firefox.

Bug

A coding error in a computer program.

Build

A version of a program (usually pre-release), and identified by a build number.



Cache

kash

Stores data so future requests can be served faster.

Canonical

kuh · naa · nuh · kl

The preferred/main page when multiple pages have very similar content.

Class

Written by a programmer in a defined structure to create an object.

CMS

Content Management System, used to update and manage content on a website.

Cookies

A small text file used by a website to recognize you and keep track of your preferences.

CSS

Cascading Style Sheets, used to style webpages.

CTA

Call to Action, used to direct the user in a certain direction i.e a button.



D - E

Data Structures

A specialized format for organizing, processing, retrieving and storing data.

Debugging

The process of finding and resolving defects or problems within a computer program.

DevOps

A broad range of practices in the development and operation of software code.

DNS

Domain Name System. A system used to convert a computer's host name into an IP address.

E-commerce

Buying and selling of goods and services over the internet.

Ecosystem

A group of interconnected information technology resources that can function as a unit.

Explicit Declaration

Specify the type of a variable when you declare it e.g `int n = 8`.



F - G

Framework

A foundation on which software developers can build programs.

Frontend Developer

Someone who uses HTML, CSS and JavaScript for a website or Web Application.

FTP

File Transfer Protocol, a standard Internet protocol for transmitting files between computers on the Internet over TCP/IP connections.

Fullstack

A combination of frontend and backend.

Function

A block of code like a procedure with a returned value.

Git

A version-control system for tracking changes in source code.

GUI

Graphical user interface, a system of interactive visual components for software.

**H - I**

Hotfix

Code (sometimes called a patch) that fixes a bug in a product.

HTML

Hypertext Markup Language, used to build webpages.

HTTP

Hypertext Transfer Protocol, defines how messages are formatted and transmitted over the internet.

Implicit Declaration

A variable not fully declared by the user.

Index

A data structure to allow fast lookup of terms.

Information Architecture

How all information should be treated in a general way and how it should be organized.

IP Address

A series of numbers and periods that represents each Internet user.



J - K

Java

A high-level programming language developed by Sun Microsystems.

JavaScript

An object-oriented programming language commonly used to create interactive effects within web browsers.

jQuery

A JavaScript library designed to simplify HTML DOM tree traversal and manipulation.

JSON

JavaScript Object Notation, open standard file format, and data interchange format used to store and transmit data objects.

Keyword

A word that is reserved by a program because the word has a special meaning

KISS

Keep it simple stupid.



L - M

Landing Page

A web page that appears when a visitor clicks on a result link.

Lean Programming

Methodology focusing on optimizing efficiency and minimizing the waste of software applications during their design and creation.

Legacy Application

Software program that is outdated or obsolete.

Libraries

A collection of non-volatile resources used by computer programs.

Machine Learning

A type of data analysis that uses algorithms that learn from data

Meta Tags

Tags placed in the head section of your code to define the contents of a web page.

Minify

The process of removing unnecessary elements and rewriting code to reduce file size.