## Do you work alongside a team of developers?

If you've overheard a piece of tech jargon in the office and are clueless about the difference between **Java** and **JavaScript** then our A-Z is here to save your bacon!

Keep reading for the lowdown on all the tech-related jargon you need to know and walk into your next meeting up to speed and ready to tackle your next project.

**Agile**
A style of development that keeps code simple & is delivered in smaller segments

## A

**Android**
A Google-developed mobile operating system.

**AngularJS**
An open-scource web application framework.

**Apache**
A widely-used free and open-source web server software.

**Application Developer**
A developer who writes standalone applications for desktop and laptop computers.

**Azure**
Microsoft's cloud service; essentially a competitor to Amazon Web Services.

## B

**Back End Developer**
A developer who focused on the server side of code.

**Big Data**
A buzzword for "data science" aka working with LOADS of data!

## D

**DBMS**
**(Database Management System)**
Software for creating, reading and writing to a database.

**DevOps**
**("Development" + "Operations")**
Usually refers to a person who specialises in a hybrid role

**Django**
An open-source web framework written in Python.

**Drupal**
A widely-used, free and open source CMS that is written in PHP.

## C

**C, C# (pronounced C Sharp) and C++ (pronounced C Plus Plus)**
Variations of a programming language mostly used for Windows & Linux applications.

**Cloud**
Another company managing your hardware. It means you don't own your own physical hardware and you can add or remove servers with little upfront costs.

**Cocoa**
An Apple technology; it is a programming API for OS X.

**Content Management Systems (CMS)**
A database for content storage to help manage workflow and version tracking of content. Typically used as a way of having multiple contributors on a piece of content for a specific website.

**CSS (Cascading Sytle Sheets)**
A way to describe the formatting as a seperate entity to the actual content in HTML pages.

## E

**Eclipse**
An Integrated Development Environment used to write Java code.

**ETL (Extract, Transform, Load)**
A process of moving and transforming usually very complex data between two systems.

## F

**Flash**
An Adobe plaftorm for adding animation, video & other ineractive items to web applications.

**Flash Builder 4**
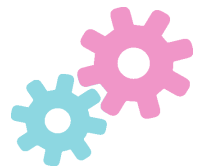An interactive environment for building Flash applications.

**Flex**
Earlier versions of Flash Builder (see Flash Builder 4).

**Front End Developer**
Developer who focuses mainly on the element of the application which runs in the browser. They work with HTML, CSS and JavaScript.

**Full Stack Developer**
Developer that has working knowledge of many technologies, enabling them to run the entire process of building a website and putting it live on the internet on their own.

## G

**Git**
A distributed source control system, where everyone who clones a project get the complete history of it.

**GitHub**
A website for hosting source in Git.

**Go / Golang**
A general purpose computer language developed by Google.

## I

**IDE (Integrated Development Environment)**
A software application that helps developers write code such as Eclipse and Visual Studio

**iOS**
Apple mobile operating system.

**IIS (Internet Information Server)**
A Microsoft Windows Server software used to serve website pages.

## H

**High-level Programming Language**
A language designed to be easier to read and use such as Ruby, Python, C#.

**Hadoop**
An open-source big data framework written in Java.

**HTML (HyperText Markup Language)**
The language used to specify the content of web pages.

## J

**Java**
A language that is associated with a "write once, run anywhere" philosophy. Java applications run securely on any platform.

**JavaScript**
A language primarily used for client-side web browser based applications for interactive and dynamic page content. It has no association to Java (see above).

**jQuery**
A cross-browser JavaScript library used to simplify client-side scripting of HTML.

## L

**LAMP**
A free, open-source technology stack typically used for development of applications on Linux platforms.

**Lean Programming**
Optimising efficiency and minimizing waste in the development of computer programs.

**Linux**
A computer operating system built under the model of free and open-source software development. The word is used to describe a family of systems including Ubuntu, Fedora, CentOS and Debian.

**Low-level Programming Language**
A language that allows programs to be written that resemble hardware instructions. This code can be hard to read but runs faster than its' high-level counterpart.

## M

**Magento**
An open-source E-commerce CMS written in PHP.

**Mobile Developer**
Developer who writes programs for smartphones and tablets using iOS, Android or Windows Phone.

**MongoDB**
A cross-platform, document-oriented database designed to make integration of data in some applications easier and faster.

**MySQL**
A relational database management system that is a popular choice in web applications. It is a central componant of the LAMP open source application stack.

## N

**.NET Framework**
A Microsoft framework that runs primarily on Windows.

**node.js**
An open-source, cross-platform runtime environment for both server-side and networking applications.

## O

**Objective-C**
An object-oriented version of the "C" programming language that is commonly used on Apple platforms.

**Open Source**
A program in which any user or developer can make changes to its' source code as they wish.

## P

**PHP**
A scripting type language commonly used to develop web applications on open-source platforms like such as Linux.

**Python**
An object-oriented language commonly used for web development and scripting applications.

## R

**Ruby**
A dynamic, reflective, object-oriented, general-purpose language.

**Ruby on Rails**
An open-source web application framework written in Ruby.

**Rust**
A modern language sponsored by Mozilla that boasts a number of "fancy" features not found in older languages.

**Adam**
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## S

**SAN / NAS (Storage Area Network / Network Attached Storage)**
Dedicated devices and infrastructure for managing data intensive applications

**Scala**
An object-functional language for general software applications.

**Scrum**
A process that focuses on writing software in short "sprints".
The person responsible for running the process is called the Scrum Master.

**SiteCore**
A web-based CMS written in C#.

**Source Control**
A database that tracks changes to software source code.

**SQL (Structured Query Language)**
A standardised syntax for accessing and updating data in a DBMS.
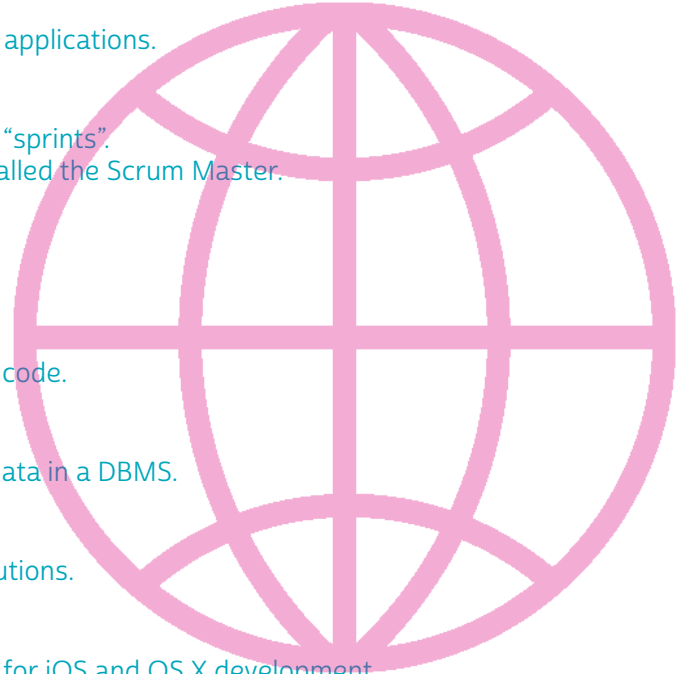
**Stack**
The core set of technologies used to implement solutions.

**Swift**
A modern programming language created by Apple for iOS and OS X development.

**System Administrator (Sysadmin)**
Someone responsible for building and maintaining server infrastructure.

## T

**Titanium**
A cross-platform mobile development kit that enables you to build apps for all three mobile operating systems without specific knowledge.

## U

**Unit Testing**
A unit is the smallest testable part of an applications' code. This method includes testing these units to determine if they are fit for use.

**UNIX**
An early operating system developed in the C programming language.

**User Interface (UI)**
The human interface aspect of a computer application or device.

**UX (User Experience)**
A developer that is responsible for the design and workflows of the user-facing part of the application.

## V

**VBA (Visual Basic for Applications)**
The programming environment to develop applications for the Microsoft Office Suite.

**VB (Visual Basic)**
AMicrosoft language - see VBA.

**VB.NET (Visual Basic .NET)**
A version of Visual Basic that runs on the .Net framework.

**Visual Studio**
An Integrated Development Environment used to write .NET code.

**VPN (Virtual Private Network)**
Extends a private network across a public one (like the Internet).

## W

**Web Developer**
Developer that works on applications that run in the browser.

**WordPress**
A web-based CMS typically used for blogging but you can build full websites. Written in PHP.

**Wowza Media Server**
A commercial server built for delivering rich media streaming content like video or audio files.

## X

**Xcode**
An IDE that contains a suite of software development tools made by Apple for iOS and OS X.

**XML (Extensible Markup Language)**
A set of standard rules and syntax for encoding any type of structured data commonly used as a data interchange format in web applications.

**XAML (Extensible Application Markup Language)**
A Microsoft version of XML used in .NET development of desktop or rich client applications.

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