10 Terms from Job boards

Search : Web Developer (Indeed)

1. **VB.NET:** Visual Basic .NET is an [Object-Oriented](http://en.wikipedia.org/wiki/Object-oriented_programming) programming language designed by Microsoft. Is engineered for productively building type-safe and object-oriented applications. Visual Basic enables developers to target Windows, Web, and mobile devices. As with all languages targeting the Microsoft .NET Framework, programs written in Visual Basic benefit from security and language interoperability.
2. **SSRS:** Stands for SQL Server Reporting Services. a solution that customers deploy on their own premises for creating, publishing, and managing reports, then delivering them to the right users in different ways, whether that’s viewing them in web browser, on their mobile device, or as an email in their in-box.
3. **ASP.NET**: ASP.NET is an open source web framework for building modern web apps and services with .NET. ASP.NET creates websites based on HTML5, CSS, and JavaScript
4. **Django:** Django is a high-level Python Web framework that encourages rapid development and clean, pragmatic design. Is a [free and open-source](https://en.wikipedia.org/wiki/Free_and_open-source_software) [web framework](https://en.wikipedia.org/wiki/Web_framework), written in [Python](https://en.wikipedia.org/wiki/Python_(programming_language)), which follows the model-view-template (MVT) [architectural pattern](https://en.wikipedia.org/wiki/Architectural_pattern_(computer_science)).[[6]](https://en.wikipedia.org/wiki/Django_(web_framework)#cite_note-faq-mvc-6)[[7]](https://en.wikipedia.org/wiki/Django_(web_framework)#cite_note-djangobook-mvc-7) It is maintained by the [Django Software Foundation](https://en.wikipedia.org/wiki/Django_Software_Foundation) (DSF), an independent organization established as a [501(c)(3)](https://en.wikipedia.org/wiki/501(c)(3)) non-profit.

Django's primary goal is to ease the creation of complex, database-driven websites. Django emphasizes [reusability](https://en.wikipedia.org/wiki/Reusability) and "pluggability" of components, rapid development, and the principle of [don't repeat yourself](https://en.wikipedia.org/wiki/Don%27t_repeat_yourself). Python is used throughout, even for settings files and data models. Django also provides an optional administrative [create, read, update and delete](https://en.wikipedia.org/wiki/Create,_read,_update_and_delete) interface that is generated dynamically through [introspection](https://en.wikipedia.org/wiki/Introspection_(computer_science)) and configured via admin models.

1. **UI/UX design principles**: **UX design** is mostly mentioned in the digital world, but in theory it is responsible for the entire experience across touchpoints (both digital and analog). **User Interface Design**(or **UI Design**) looks into the pixel perfect designs of digital interfaces, it's usability, conversion, look and feel. In both case, its stated that “is not the information itself that it is important but the effect on its audience what really matters”.
2. **Bootstrap:** is a free front-end framework for faster and easier web development. **Bootstrap** is a collection of handy, reusable bits of code written in HTML, CSS, and JavaScript.  includes HTML and CSS based design templates for typography, forms, buttons, tables, navigation, modals, image carousels and many other, as well as optional JavaScript plugins.
3. **Angular2**: **AngularJS** (commonly referred to as "**Angular**" or "**Angular.js**") is a complete JavaScript-based [open-source](https://en.wikipedia.org/wiki/Open-source_software) front-end [web application framework](https://en.wikipedia.org/wiki/Web_application_framework) mainly maintained by [Google](https://en.wikipedia.org/wiki/Google) and by a community of individuals and corporations to address many of the challenges encountered in developing [single-page applications](https://en.wikipedia.org/wiki/Single-page_application). The JavaScript components complement [PhoneGap](https://en.wikipedia.org/wiki/Apache_Cordova), the framework used for developing cross-platform mobile apps. It aims to simplify both the development and the [testing](https://en.wikipedia.org/wiki/Software_testing) of such applications by providing a framework for client-side [model–view–controller](https://en.wikipedia.org/wiki/Model%E2%80%93view%E2%80%93controller) (MVC) and [model–view–viewmodel](https://en.wikipedia.org/wiki/Model_View_ViewModel) (MVVM) architectures, along with components commonly used in [rich Internet applications](https://en.wikipedia.org/wiki/Rich_Internet_application).
4. **XCTest:** XCTest is Apple’s unit testing framework. [Unit testing](http://en.wikipedia.org/wiki/Unit_testing) is the type of automated testing that verifies code at the lowest level. You write Objective-C code that calls methods from your "production" code and verify that the code under test actually does what it's intended to do. Are variables set correctly? Is the return value correct? Tests written with the XCTest framework may be repeatedly executed against your application's code to help you gain confidence that you are creating a bug free product in that new code changes aren't breaking existing functionality.
5. **Appium**: Is an open-source tool for automating native, mobile web, and hybrid applications on iOS mobile, Android mobile, and Windows desktop platforms. **Native apps** are those written using the iOS, Android, or Windows SDKs. **Mobile web apps** are web apps accessed using a mobile browser (Appium supports Safari on iOS and Chrome or the built-in 'Browser' app on Android). **Hybrid apps** have a wrapper around a "webview" -- a native control that enables interaction with web content. Projects like [Phonegap](http://phonegap.com/), make it easy to build apps using web technologies that are then bundled into a native wrapper, creating a hybrid app.

Importantly, Appium is "cross-platform": it allows you to write tests against multiple platforms (iOS, Android, Windows), using the same API. This enables code reuse between iOS, Android, and Windows testsuites.

1. **Nginx:**  is open source software for web serving, reverse proxying, caching, load balancing, media streaming, and more. It started out as a web server designed for maximum performance and stability. In addition to its HTTP server capabilities, NGINX can also function as a proxy server for email (IMAP, POP3, and SMTP) and a reverse proxy and load balancer for HTTP, TCP, and UDP servers.

# References

*7 UI/UX PRINCIPLES TO HELP CREATE A FRESH EXPERIENCE*. (2018, Jan 14). Retrieved from Fresh Consulting: https://www.freshconsulting.com/7-uiux-principles-fresh-web-experiences/

*Appium*. (2018, Jan 15). Retrieved from appium.io

*ASP.NET*. (2018, Jan 14). Retrieved from Microsoft: from https://www.asp.net/

*Introduction*. (2018, Jan 14). Retrieved from Bootstrap: https://getbootstrap.com/

*Introduction to Testing on IOs*. (2018, Jan 14). Retrieved from envato-tuts+: https://code.tutsplus.com/tutorials/introduction-to-testing-on-ios--cms-22394

*The Django Project*. (2018, Jan 14). Retrieved from Django: https://docs.djangoproject.com/en/2.0/intro/overview/

*VB.Net*. (2018). Retrieved from Microsift: https://docs.microsoft.com/en-us/dotnet/visual-basic/

*What is Bootstrap*. (2018, Jan 14). Retrieved from Stackoverflow: https://stackoverflow.com/questions/14546709/what-is-bootstrap

*What is Exactly Angular 2*. (2018, Jan 14). Retrieved from Quora: https://www.quora.com/What-exactly-is-Angular-2

*What is Nginx*. (2018, Jan 14). Retrieved from Nginx: https://www.nginx.com/resources/glossary/nginx/

*What is SQL Server Reporting Services (SSRS)?* (2018, Jan 14). Retrieved from Microsoft: https://docs.microsoft.com/en-us/sql/reporting-services/create-deploy-and-manage-mobile-and-paginated-reports