7 Framework JavaScript for mobile application development

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If you want to start creating mobile applications, there are three main languages ??to choose from: Java for Android, Swift applications for iOS or JavaScript applications for platform applications.

But wait, isn't JavaScript for web development?Yes, it started that way, but has grown quite a lot in the past decades.Now you can create a web application in JavaScript and package it with a browser that works like a mobile app.This is called a "hybrid" (hybrid) application.

1. 16 programming languages ??will change your luck in 2017

Recently, someJavaScriptframeworkscan take JavaScript code, translate into the native language of the mobile platform and run as atruemobile application.These applications are called "native" applications and are more suitable for hybrid applications because they often have better performance.

In this article, you will learn about sevenJavaScriptframeworksequipped to create mobile applications using one of the two methods mentioned above.

1. Reactnative.com

React is developed and maintained by Facebook, which is one of the most popular JavaScript web frameworks today.React Naviteis a framework that allows you to create mobile applications in JavaScript using the React principle.The user interface is designed with HTML layout tags and CSS stylesheets, so if you are a web developer who wants to try on mobile phones, this is the best way to do it.

As the name implies, React Native creates native mobile applications.That's one of the reasons why many modern developers like React Native because its applications tend to outperform applications written in other JavaScript frameworks.Defect?You will have to maintain separate branches for each mobile platform with specific platform tweaks.

2. Angular.io

Angular is the most popular JavaScript framework available now.Created by Google and first launched in 2009, it has attracted a huge user community with a unique but easy-to-learn approach to one-page web application development.

If using Angular properly, you can create hybrid applications that have the same speed and experience as the original application.Two-way data binding is one of its most remarkable features and this framework is powerful enough for business use.

WhileAngular can be used for root mobile applications, you'll have to pair it with another framework like NativeScript or Ionic.

3. Nativescript.org

NativeScript is a JavaScript framework for mobile applications with code reuse.But perhaps the most interesting thing is that you can use one of three languages ??for NativeScript projects: JavaScript, TypeScript or Angular.

If you use Angular but some specific applications are too slow and you need greater performance, NativeScript may be the solution.Use the NativeScript Core framework to write once and deploy for both iOS and Android.

To create and design interface elements, you will use an HTML-like language to place different components and CSS to customize the look and appearance of the components.

4. PhoneGap.com

PhoneGap is an open source framework that allows rapid development of hybrid mobile applications using JavaScript (for application logic) and HTML + CSS (for interface and design).It is based on Cordova, which is also open source but lacks many interesting features like PhoneGap.

Two things make PhoneGap a great JavaScript framework for mobile development, first of all is the PhoneGap Developer application (which lets you check and preview builds on mobile devices) and secondly translate PhoneGap Build service (application package and deployment).You only have to write once and PhoneGap can distribute apps for iOS, Android and Windows Phone.

While PhoneGap Build is free for open source projects (the code must be pulled from the public GitHub repository), you get only one application with a 50 MB size limit.For $ 10 / month, you can create up to 25 individual apps up to 100 MB.Creative Cloud subscribers receive 25 individual applications with capacities up to 1 GB.

5. Ionicframework.com

The Ionic Framework is considered by many to be the most understandable framework to learn about mobile development by JavaScript.Because it creates hybrid mobile apps, you don't have to worry about tweaking specific backgrounds (youcancustomize if you want).Write once, run everywhere.

Ionic also comes with a tool called Creator, which allows you to create and design interfaces for mobile applications using drag and drop arrangements.This is much easier than trying to pair a user interface in HTML or an HTML markup language.Thus, Ionic is ideal for newbies.

Once you have built the first step of an application with Ionic, the framework deploys for each mobile platform using Cordova.Most of this process is post-processed and very easy even for beginners.

6. Meteor.com

Thisis a full stack solution(integrating frontend programming and backend, database, clientside and serverside languages) and it provides real-time two-way data linking (if anything changes) in the backend section, it will be updated right in the user interface).

And while it is primarily used for web applications, Meteorcanbe used for hybrid mobile applications.Like Ionic, it uses Cordova to build projects and implementations for iOS and Android.

7. Phaser.io

If you want to create mobile games, you will need a framework to develop the game.Such frameworks do all the hard work so that you can perform complex tasks in one or two lines of code (eg downloading an image or moving the camera).And Phaser is one of the easiest ways.

Exporting to a mobile phone is not a built-in feature, so you'll have to do it through a tool like Cordova.

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