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The Android based Mobile App Development Trends by [Alan Smith](#)

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The Android platform has grown a lot and acquired a substantial amount of market portion, and by some of the amounts it has taken a lead from the iPhone as the dominant Smartphone player worldwide.

While expansion of the phone's catalogue base may be successful in retake of some market share for Apple, there is little amount of doubt that the Android is here to stay for long and any developer who is looking for a serious position in the marketplace should develop for this platform.

The software development kit which is made available from Google is giving app developers a rich set of tools for creating ultra modern apps. The software support includes the OS, middleware, and several development tools for support. The SDK provided by Google includes all the APIs which is required to get started right away with Android software development solution. Because Android is an open platform and does not cost much, developers are having greater options in their part, and it leads to potentially a very broad market. No doubt that the Android platform is truly in a class of its own in terms of app development support. In addition of providing support as an open source, mobile platform, it provides support for Java which is attractive to many developers.

The SDK is capable of many things as it includes several core applications and it is capable of making developing of Android software development a smooth process. In addition of providing useful sample code clips, the SDK also comes with the useful debugging tools and a handset emulator, and there are several business and utility functions and features available with it. The platform with such a vast set of tools not only giving the app developers more options and a smooth process to development but it also provides the foundation work for a rich end mobile user experience. Because the app developer is having these tools at his or her availability, the end result will be a mobile app solution with more features, which is easier to use.

On the developer's part they will surely enjoy greater control over making features in the end mobile app and when the application gets completed, developers can easily distribute applications through the open source platform to the world. The rich features of the app surely means that the end product is going to be always user friendly-something always appreciated by users of mobile apps.

A couple of the benefits of Android app development platform include the easy availability of data storage with SQLite DB, P2P communication with Google Talk, and its capability to publish an app for export and signing. It can be easily integrated with touch screen, GPS, and a video camera, and it includes a complete 2D and 3D graphics library as well as Bluetooth and Wi-Fi support.

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[Alan Smith](#) - About Author:

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