37 RESOURCES
for Android App Developers

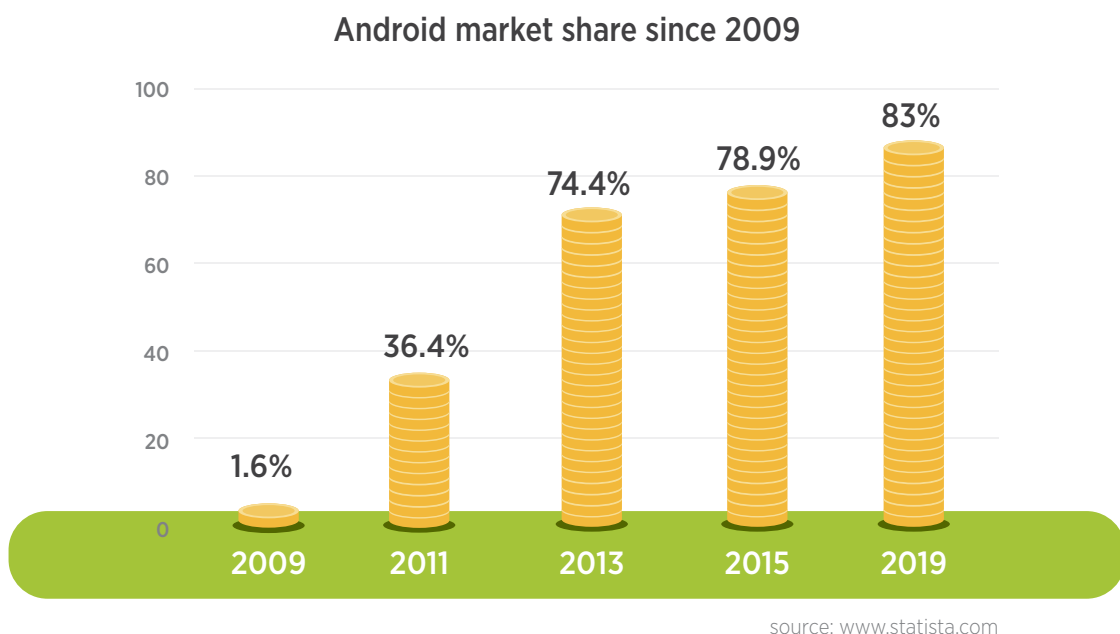## 🤖 Introduction

 When Android launched in 2008, it was like a fish in a sea of sharks. In the span of a few years, however, it went from being an underdog to one of the most popular mobile operating systems in the market, decimating the lead of Nokia, Blackberry, and Samsung. These were (and still are) billion dollar companies with years of experience in the smartphone industry; it does not mean feat beating the big names at their own game. But the new entrant won, and there are over 1.5 billion devices running on Android today

Android market share since 2009

source: www.statista.com

And Android's plans for the future are even more exciting - domestic home appliances are going to run on Android. Imagine the possibilities when you can control your lights, TV, and other home appliances with Android. The demand for Android developers will shoot through the roof. It will take time for the Android ecosystem to stabilize after the addition of multiple new interfaces, but it's a well-known fact that whenever a new platform is introduced, new applications and developers follow.

It is a relatively young OS, but there are now several programming resources around the internet, and if you don't know what you're looking for you can get lost trying to sort through all the information.

So we've compiled a handy list that tells you where to find the things you need to make your Android App development experience a breeze.

TIPS, TRICKS, & ANDROID HACKS

Android Developer Hub

The official site for Android development tips, tricks, and hacks. It is the go-to website for Android developers.

Android Open Source

Android is an open source platform and the source code is available for everyone to customize to their needs. This website has all the guidelines one needs to follow to create his/her own version of Android's operating system.

Official Android channel from Google

The top source for the latest news, straight from the horse's mouth. The site also has helpful videos that provide shortcuts and tips, and lists the coding ethics to be followed while developing Android Apps.

Android Developer Experts

The website medium.com has grown tremendously in a short period. This is a channel where experts share their App development tricks and tutorials.

Android Arsenal

A categorized directory of free libraries and tools for Android developers, the Android Arsenal has a premium version as well, although you really don't need the paid version unless you're developing highly complex apps.

Android Library

A comprehensive portal for Android libraries and tools; it's a very useful resource.

FOR A DOSE OF MOTIVATION

🏳 Android Niceties

A collection of screenshots from the most beautiful Android apps. Get inspired and make yours brighter and better.

🏳 Fragmented Podcast

Donn Felker and Kaushik Gopal host a bi-weekly podcast on building great applications. It's so good, we're regular attendees, and we're sure you'll love it!

🏳 Android Developer Stories

When your code is just not working and you've tried every trick in the book, it's time to take a break. Anytime you're dejected and feel like giving up, just head on over to this site and get inspired (a lot of their stories focus on the difficulties Android devs encounter before finding success!)

🏳 Official Google Blog on Android

This is the place where master developers converge to share their experiences. Hosted and run by Google itself, the official Android blog helps you keep pace with latest developments in the field.

THE VIBRANT ANDROID COMMUNITY

stackoverflow

Stackoverflow is the most popular hangout for tech geeks and Android developers. The world's best and brightest gather here to collaborate & build great products. Create your SOF account today!

GitHub

This is a place to host project files, including source code. It includes in-line editing, wikis, and ticketing. Public projects are free while private projects start at 7 dollars a month.

reddit

Reddit is a mini-internet in itself with sub-reddits on every conceivable topic under the sun. One of the most active Android subreddits is the r/androiddev community, with hourly posts and an active, vibrant group of enthusiastic Android developers from around the world.

There are tons of Android forums out there. Don't waste your time researching which one to join. Below are the top four Android forums. Get plugged in to keep up with the latest stories from around the globe.

ANDROIDFORUMS

AndroidPIT

xdadevelopers

androidcentral

ANDROID GIGS

Upwork™

This should be the starting point for all aspiring Android freelancers. Elance and Odesk merged to form Upwork. There are a lot of companies and individuals outsourcing their Android projects on Upwork. Create a profile and get started on your development journey.

guru

Guru is among the top ten freelancing websites. If you know how to position your profile, you can earn a full time income from the above two websites.

toptal

Toptal is a premium outsourcing website. Only 3% of applicants are selected to their platform.

LinkedIn

How can we forget LinkedIn when talking about jobs? It is the largest social network for working professionals. Join groups, participate in discussions, and land a lucrative job with the power of professional networking.

> **Stackoverflow and Github have job boards. If you have a good profile on these websites, getting great coding gigs is a walk in the park.**

stack overflow CAREERS

Check out the job board on Stack Overflow to find gigs that interest you.

GitHub

Companies and individuals are constantly on the lookout for collaborators. Make sure you are actively participating and contributing to the community to sail through your next interview.

ANDROID DESIGNS

Material Design from Google

Google released a list of design principles for developers. It's a must read not just for people who want to design Android Apps, but for anyone who wants to design things.

emirweb

Android has a lot of variety in its platform, but this is a mixed blessing. Standardizing and normalizing sizes across devices can be a pain. Emirweb is a great way to find out the dimensions of screen sizes on different mobile devices, in both landscape and portrait views.

Android UI design from simplilearn

Simplilearn, the world's largest professional certifications company, has free Android UI design tutorials on YouTube.

#androiduiux

This is one of my favorite websites for Android UI design principles. Every aspect of app design is discussed, from the pixel-level to the overall design experience.

Android Graphics Tutorial

Another offering from Simplilearn for all your graphic design needs. Learn how to design your app to be the best of its kind.

App Design Served

A place to discover creative work. Make sure to search for Android designs.

Android Holo Colors

A web application to easily create Android components with your custom colors. The application gives you the patch assets and associated XML drawables that you need to make your project stand out.

Android UI Patterns

UI patterns evolve each day. Follow this blog by top developer Juhani, for insights on the latest developments in UI.

Material Palette

This site curates samples of the best new material designs, every day. Watch, learn, and implement what you've learned to take your app experience a notch higher.

99designs

Not a good designer? But want a better design for your app, anyway? Head over to 99designs. You can run a contest and get plenty of great design ideas for your app.

STAY UP-TO-DATE

ANDROID WEEKLY

Weekly newsletter about tutorials, GitHub libraries, videos and more. If you sign up for just one newsletter for Android, this definitely ought to be it.

AndroidHeadlines

Your daily dose of news from the world of Android, from mobile phone reviews to the best apps to increase your productivity.

Android Police is known to provide tips for Android mobiles that you'd never expect. It's always fun to read their hacks.

And last but not least, follow the top boss on twitter: @Sundarpichai.

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