ANDROID
APP DEVELOPMENT
COURSE

ONLINE TRAINING

CAREER IN APP DEVELOPMENT

Why a Career in Android App Development is Promising?

Android Development is on Boom

Android holds nearly 75% of the OS market share, with thousands of new Android apps released every day. There is a huge demand for skilled Android app developers.

Leading Operating System

Android is the most popular & most used operating system not only in India, but all across the globe. It will continue to dominate the market in coming years.

Highly-Paid Skill

The skill is in huge demand, and there is a shortage of skilled app developers. Android Developers are paid high whether you do a full-time job or freelancing.

Flexibility & Freelance Opportunities

Android developer role is suitable for remote jobs & freelancing. You can work for international companies or grab high-paying freelance gigs or projects.

Great Growth Prospects

Android app development has a bright future because the demand for app developers will only increase with time. It is a promising career option with growth prospects.

Creative Field

As an Android Developer, you can be creative in your job, solve challenges for people, provide unique solutions, brainstorm new business ideas, and implement them.

Easy Learning Curve

It sounds difficult to learn technical things, but Android app development is easy-to-learn and beginner-friendly. Our trainers make your learning experience effortless.

Open Source Platform

Another reason to build a career in this field is that Android is an open-source OS with a royalty-free framework. You get freedom in development and even contribute to source code.

Who Can Learn **Android App Development?**

Learning Android doesn't require you to be technically strong or have a specific technical qualification. You can learn it as an absolute beginner as we cover all concepts of this field from the zero level.

College Student

Start shaping your career right from college time by learning in-demand skills like Android development.

Graduate

Time for you to upskill, prepare yourself for a bright future, and kickstart a career in Android app development.

College Dropout/Job Seeker

Not sure which career is right for you? Not finding any jobs? Learn Android app development with us to land your first job.

Freelancer

Whether you are an existing freelancer or want to become one, app development is the most-rewarding skill for freelancers.

Business Owner

As a business owner, you can learn it for yourself or choose our corporate training program to upskill your team/new joiners.

Looking to Switch Career

Not satisfied with your current job profile? Switch to Android development, the most impressive and highly-paid skill.

A Brief About
WsCube Tech

India's Most Trusted IT Training Institute

WsCube Tech is a leading IT training institute and software development company based in Jodhpur. Since 2010, WsCube Tech has trained **1,50,000+ students** and offered internship opportunities to 3,500+ candidates.

In addition, WsCube Tech is one of the fastest-growing tech-based YouTube channels in India, with a community of **1.5+ Million** subscribers and **8+ Million** monthly views.

With an expert team of trainers in various technological fields, the institute has helped thousands of students across India and other Asian countries to acquire new skills and explore high-paying career opportunities.

Our learners are working at startups, top companies, and brands across India and globally.

Our *Flourishing Journey* Over The Last Decade

Start

2010

2011

2012

2013

2014

2015

2016

Kushagra Bhatia, a visionary entrepreneur, laid the foundation of WsCube Tech in Jodhpur as a Web Development Company.

The institute witnessed great success which made us introduce **Advanced PHP Course and Android App Development** Course.

There was high demand for more courses. That's when we Introduced **Training in C, C++, Java, and Digital Marketing** for both college and school students.

Won training assign-ment from ISRO and offered Web & Mobile Technology training. Started Java Training. Reached milestone of 5,000+ students.

Worked on **200+ Website Projects**. Expanded to include training division Introduced Class room based PHP & ASP.NET courses for college students.

Expanded the service portfolio with Android/iOS app development, WordPress, and SEO. Launched **Classroom Training** on iOS Development, WordPress, and SEO.

By now, we had worked on **8K+ Projects** & trained **3K+ Students**. Introduced CakePHP course. Created a YouTube channel to offer free tutorials.

2017

Introduced professional courses on **Robotics, PLC-SCADA, and Advanced Python**. 2,000+ students and working professionals enrolled in these courses.

2018

Adopted robust web frameworks like NodeJS, AngularJS, & Laravel for projects. Started **Python and Machine Learning Courses** and trained 2,000+ students.

2019

During the pandemic, introduced **LIVE classes** for most courses. Doubled the frequency of videos published on YouTube. Surpassed 100K+ Subscribers.

2020

Crossed **50K+ YouTube Subscribers**. Started providing pre-recorded online courses. New courses were also launched for various programming languages.

2021

Hit the milestone of **1 Million subscribers** on YouTube. More than 110 batches (online + classroom) run per month now, with over 45 courses.

2022

Introduced **Ethical Hacking & Penetration Testing courses** (both online and offline). Published 1750+ tutorials on YouTube and crossed 500K subscribers.

There is no looking back!

1.5+ Million Subscribers

1:1 Pesonalized Mentorship

3500+ Internship Candidates

Why is **WsCubeTech the Best Institute for Android Development** Training?

Trusted by **1.5+ Million** Learners

We are the #1 preference of more than 15 lakh learners in India and Asian countries. Our training quality and support system intrigue learners.

Expert **Trainers**

You will learn from expert trainers having 10+ years of experience in the field. We ensure high-quality training always aimed at career-building.

Completely **Practical-Oriented**

App Development is a skill that requires immense practice. For that, we offer 100% practical training with regular assignments, assessments, and projects.

Industry-Recognized Certification

The certificate you receive on course completion is valid nationally and internationally. You can easily share it, add it to your resume, and explore great opportunities.

Online & Offline Batches

You can upskill yourself from anywhere by joining our live training batches. We also provide intensive & digitized classroom training in Jodhpur.

Build Mobile Apps **During The Course**

You will get to work on multiple projects and develop different Android apps during the training so that you gain some experience and confidence.
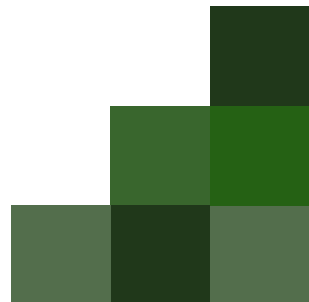
Comprehensive & **Latest Curriculum**

This course includes India's most comprehensive curriculum based on the latest trends in the industry, covering all breadths and depths in detail & practically.

Career **Assistance**

To help you build a great career as an Android Developer, our team offers you career guidance, prepares you for interviews, and assists you in finding job opportunities.

Dear Learner,

We know that we are influencing the foundations of your future, and we take this responsibility very seriously. With WsCube Tech, I ensure that you always get top-class training backed by practical projects and future prospects.

As the proud founder of WsCube Tech, I wish you a successful & thriving career.

All the best!

Kushagra Bhatia,
Founder, WsCube Tech

ANDROID APP DEVELOPMENT
Course Curriculum

Course Curriculum
Based on Latest Industry Trends & Demands

Get on the track to build a successful career!

Module 01
Introduction to Android & Environment Setup

- What is Android?
- History of Android
- Versions/Flavors of Android
- What is IDE?
- Setting Up Android Studio on System (Windows)
- Setting Up Android Studio on System (Mac OS)
- Setting Up Android Studio on System (Linux)
- Front-End and Back-End Languages (Java/Kotlin, XML)
- Running App Process (ADB & AVD)
- The Extension .apk

Module 02
Knowing the Development Process

- Creating First Android Studio Project
- Knowing the Android Studio
- Creating Android Virtual Device
- Executing Project on Android Screen (AVD)
- Executing Project on Android Screen (ADB)
- Debugging Android Apps (Logcat, Toast, Breakpoints, Error Resolving)

Module 03
Getting into Designing UI

- Introduction to XML
- How to design layouts in Android apps by writing XML code?
- How to design Views in Android apps?
- How to design in Android apps using Drag and Drop?
- Constraint Layout

Module 04
Basics of Kotlin Programming

- Introduction to Kotlin
- Setting up Kotlin
- Classes in Kotlin
- First Program in Kotlin (Hello World!)
- Variable & Types
- Val & Var
- Methods in Kotlin
- Conditional Statements (if, if else, if else if else, and when)
- For and For Each Loop
- While and Do While
- Triple, Pair
- Creating Objects from Classes
- Constructors
- Custom Constructors
- Companion Object
- Inheritance
- Super and This Keywords
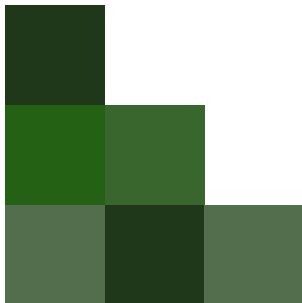- Interface in Programming

Course Curriculum

- Abstraction in Programming
- Enum in Programming
- Generics
- Lambdas
- Higher-Order Functions
- Delegation
- Scope Functions
- Collections
- Lists
- Nullability with Kotlin
- Learning the Basic Syntax

Module 05
Building First Android App

- Android Architecture
- Android Components
- Activity Lifecycle
- Stages of the activity lifecycle
- Creating First Android App (BMI)
- Making Tic-Tac-Toe
- Intent Passing
- Bundle Passing
- Making a Splash Screen
- Making Calls, Dailing, Sending Mails & Sharing App Installation Link

Module 06
Enhancing UI

- Animations in Android
- Custom Animations (Lottie) with Third-Party Library Inclusion
- Toast
- ListView, Spinner & AutoCompleteTextView
- Styles and Themes
- Making App Universal (Screen Compatible)
- Material UI (Card View)
- Recycler View
- Alert Dialogs
- Adding/Deleting and Updating Items in Recycler View
- Animating the items of Recycler View
- Creating your own toolbar (Custom Toolbar)
- Creating your own Drawable (Custom Drawable)

Module 07
Fragments

- Introducing Fragments & FrameLayout
- Jetpack Navigation Component
- Using the Navigation Graph
- Tab Layout
- Bottom Navigation View
- Navigation Drawer
- Data Passing in Fragment
- Managing Fragment backstack

Course Curriculum

Module 08
Architecture Components

- Introduction to MVVM
- Add a ViewModel
- Move data to the ViewModel
- The lifecycle of a ViewModel
- MVVM Architecture - Quiz
- What is Livedata?
- Attach observer to the LiveData object
- Data Binding
- Use LiveData with data binding

Module 09
Notifications

- Custom Toast
- Logcat
- Customizing Dialog
- Status Bar Notifications
- Customizing Notifications

Module 10
Web Services and WebView

- Introduction to Coroutines
- Coroutines in Kotlin
- Introduction to Dynamic Apps
- Receiving HTTP Response (JSON)
- What is JSON Response
- Parsing Response
- Introduction to Dynamic Apps - Quiz
- Parsing Response (POST API)
- Parse the JSON response with Moshi
  WebView

Module 11
Data Storage

- Bundle Passing
- Shared Preferences
- Database
  Introducing SQLite
- SQLiteOpenHelper and creating
  a database
- Opening and closing a database
- Inserting Data in the database (Insert)
- Fetching Data from a database (Select)
- Working with cursors updates
  and deletes
- Database Room Library (Daily Expense App)

Course **Curriculum**

Module 12

Location-Based Services & Google Maps

- Implementing Google Maps
- Map Overlays
- Geocoder
- Using Runtime Permission DialogBox for Risky Permission
- Using GPS to get the current location
- Integrating GPS with Map

Module 13

Camera & Gallery

- Taking pictures
- Getting Pictures from Camera to App
- Getting Pictures from Gallery to App

Module 14

Multimedia in Android

- Media Player (Audio)
- Video View

Module 15

Android App Sensors

- How do Sensors work?
- Accelerometer Sensor and its Applications
- Proximity Sensor and its Applications
- Ambient Light Sensor and its Applications

Module 16

Services and Receivers

- Overview of services and their Lifecycle in Android

- Implementing a Service
- Alarm Manager
- Download Manager
- WorkManager
- Manager in Android - Quiz
- Sending & Receiving messages

Module 17

Taste of Firebase

- Introduction
- Creating a Firebase Project on Console
- Cloud Messaging (Push Notifications)
- Firestore (Realtime Database)

Module 18

App Monetization Method

- What are Ads?
- Implementing Banner Ads
- Implementing Interstitial Ads

Module 19

Releasing the App

- What is Playstore?
- Creating Signed .apk
- Going live on Playstore

Module 20

Hands-On 7 Projects

- Building a Calculator App
- Tip Calculator
- Words App
- Guess the Word
- Dice Roller
- Building a Notes App (using Room Library)
- Music Player

Career Assistance

Once you complete the Android Training with us, you will get placement assistance to prepare for the job. We will evaluate your skills, prepare you for the interview, and arrange interviews with top companies.

- **Interview Preparation and Live Practice**

- **Appealing Resume Building**

- **Career Guidance**

- **Preparation for Freelancing**

- **Feedback and guidance in building Android Apps**

Students We've Trained Work at Renowned Companies, Startups, and Brands

Our Students Speak for Us!

Nikita
Dabre

"I was searching for a free online course for Android app development but landed up at this training by WsCube Tech. Highly satisfied with what I have learned. The course content, way of training, examples, assignments, projects, everything is perfect. I was also assisted in finding internships and job opportunities. Thanks a lot!"

Mukesh
Choudhary

"The Android development by WsCube Tech is an excellent fit for both beginners & experienced people. I didn't have much knowledge of programming or coding. But everything is covered from scratch, which made learning very easy for me. A well-constructed, precise, and crispy course. I recommend it to everyone who wants to learn Android development online & make a career as an Android Developer in India."

Muskan
Paliwal

"The Android trainer here is an expert in the field. It is an exceptional cou rse with a variety of live projects & assignments. After every module, we were guided properly to try our hands on the projects. This was the most important part of the entire training for me. You can learn Android App Development from anywhere but WsCube Tech's training makes all the difference with practical exposure. Thank you so much!"

Shobit
Singh

"After graduation in engineering this year, I enrolled in the Android certification course by WsCube Tech. I have worked on some Android projects during my college time, but those were fundamentals. Here, I got to learn advanced concepts. The trainer is polite, helpful, friendly & holds expertise. After the complete Android development course, we were prepared for the interview to crack the job. Last week, I got my first job as an Android developer in an IT company in Noida at a good package. Thank you, WsCube Tech!"

Our Students Speak for Us!

Ravindra Singh Rajpurohit

"This is simply the best Android course for beginners. I learned all concepts of Android and completed in this course and now I am confident that I can create amazing mobile applications. Thanks, team WsCube Tech!"

Sakshi Sharma

"I love this Android course. The trainer was experienced and the way of teaching was awesome. My trainer started everything by assuming that we have no idea of Android or coding. It laid a good foundation for all of us in my batch. I highly suggest this course to everyone who wants to learn Android development."

Rohit Choudhary

"I found quality learning at WsCube Tech. I had taken demo classes because I was not sure whether I can develop Android apps. But after demo classes, I realized that I could do this. Thanks to my trainer and WsCube Tech!"

Punit Vyas

"The style of training is logical and easy to learn. Without any doubt, I learned so much from this Android course. I was an absolute beginner but I have mastered Android app development and got to work on multiple types of projects. Highly recommend it."

Industry-Recognized
Certification

Become a Certified Android Developer
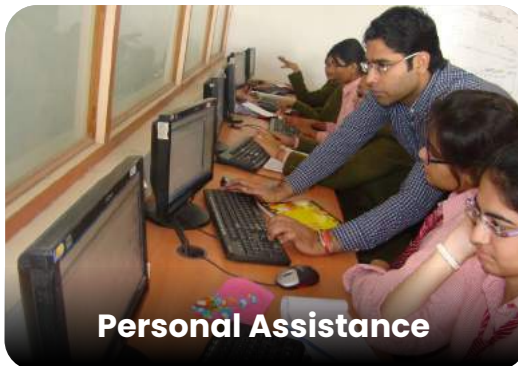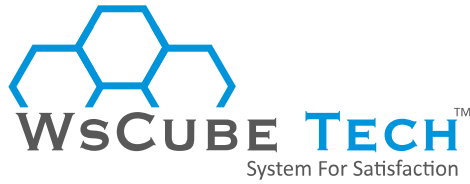
Live Online and Classroom Training

Job Assistance for Faster Hiring

Internships for Experience

Culture & **Activities** at WsCube Tech

Awarding Star Performers

We Are Difference Makers!

Interview Preparation

Outings & Fun Activities

College Seminars

Personal Assistance

Workshops

WsCube Tech
System For Satisfaction

Take Your Career's Most Important Step Today

Towards Building a Thriving Career as Android Developer!

■ **Course Duration:** 4 Months

■ **Fees:** Call us for fee details as we offer varied discounts

Call Now to Book 2-Days of FREE Demo Classes:
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