



Technocation Freelancing Training Institute And Software House

Android App Development Certification Module

MODULE 1: Introduction to Apps

- What is an app?
- Where do we use apps?
- Types of apps (games, tools, learning)
- Why we should learn app making

MODULE 2: Mobile Platforms

- Android apps
- iOS apps
- Tablets & Phones
- Difference between platforms

MODULE 3: Tools for App Development

- Android Studio
- Xcode (iOS)
- MIT App Inventor
- Online builders

MODULE 4: App Ideas

- Think of problems
- Plan a simple solution
- Note down features
- Choose your first project

MODULE 5: App Design (UI/UX)

- What is design?
- Simple buttons and colors

- Easy navigation
- User-friendly layout

MODULE 6: Basics of Coding for Apps

- What is coding?
- Drag & drop coding (block coding)
- Intro to Java / Swift basics
- Hello World app

MODULE 7: Buttons & Screens

- Add buttons
- Open new screens
- Text display
- Connect actions

MODULE 8: Media in Apps

- Add images
- Add sounds
- Play videos
- Add background music

MODULE 9: Internet in Apps

- Connect to internet
- Open websites
- Simple web-view app
- Display online info

MODULE 10: Data & Storage

- Save user info
- Use text fields
- Store data locally
- Simple login screen

MODULE 11: Game App Basics

- Add characters
- Add movements
- Add scoring
- Simple game project

MODULE 12: App Safety & Privacy

- Keep user data safe
- Ask permissions
- Strong passwords
- Avoid harmful content

MODULE 13: Testing Your App

- Test on phone
- Test on emulator
- Fix small bugs
- Ask for feedback

MODULE 14: Publishing an App

- Google Play basics
- Apple App Store basics
- App name & logo
- Share with friends

MODULE 15: Certification & Final Project

- Build your own app
- Present your project
- Get feedback
- Receive certificate

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