



Android Development

COURSE DURATION: 20 DAYS



INTRODUCTION

In this course, individuals will learn how to design and develop mobile applications for the Android platform. The course will cover various concepts and techniques of Android development, such as activity lifecycle, layouts, UI elements, and Android APIs, preparing students to create and test mobile applications using Android Studio and the Android SDK.

TARGET AUDIENCE

The primary audience for this course would typically include software developers, mobile application developers, and IT professionals interested in expanding their skill set to include Android app development. Additionally, project managers and team leads overseeing mobile app development projects may also benefit from gaining a foundational understanding of Android development concepts. The course would cater to anyone within an organisation interested in learning how to design, develop, and deploy Android applications effectively.

SKILLS GAINED

- ✓ Database Management
- ✓ Version Control
- ✓ Integration with APIs
- ✓ Cross-Platform Development
- ✓ Collaboration Skills

PREREQUISITES

- ✓ Basic knowledge about computer programming
- ✓ Knowledge of Java programming
 - * that makes it easy to learn Kotlin
- ✓ Creativity and zeal to make/create applications
- ✓ Knowledge of OOP basic pillars (Inheritance, Encapsulation, Abstraction and Polymorphism)
- ✓ Familiarity with the syntaxes, basics, concurrency and multithreading, generics and functional programming either in Kotlin or Java

COURSE OUTLINE

- ✓ Kotlin Fundamentals
- ✓ An Introduction to Kotlin
- ✓ Kotlin vs Java
- ✓ Kotlin Data Types, Variables and Nullability
- ✓ Kotlin Operators and Expressions
- ✓ Kotlin Flow Control
- ✓ Kotlin Arrays, Strings, Annotations & Ranges
- ✓ The Basics of Object-Oriented Programming in Kotlin
- ✓ An Introduction to Kotlin Inheritance and Subclassing
- ✓ Exception handling with Kotlin
- ✓ Kotlin Collections

WHY CHOOSE **MINDWORX FOR ANDROID DEVELOPMENT TRAINING?**

Our programme offers a structured curriculum covering essential concepts and best practices in Android app development. Through a combination of interactive online modules, hands-on coding exercises, and instructor-led virtual sessions, participants gain practical experience and proficiency in building Android applications from scratch. Moreover, our flexible blended learning approach allows learners to access course materials at their own pace, accommodating diverse learning styles and schedules. By choosing our online digital skills training academy, organisations invest in the professional growth and advancement of their employees, empowering them to meet the growing demand for mobile app development expertise.



CONTACT US

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