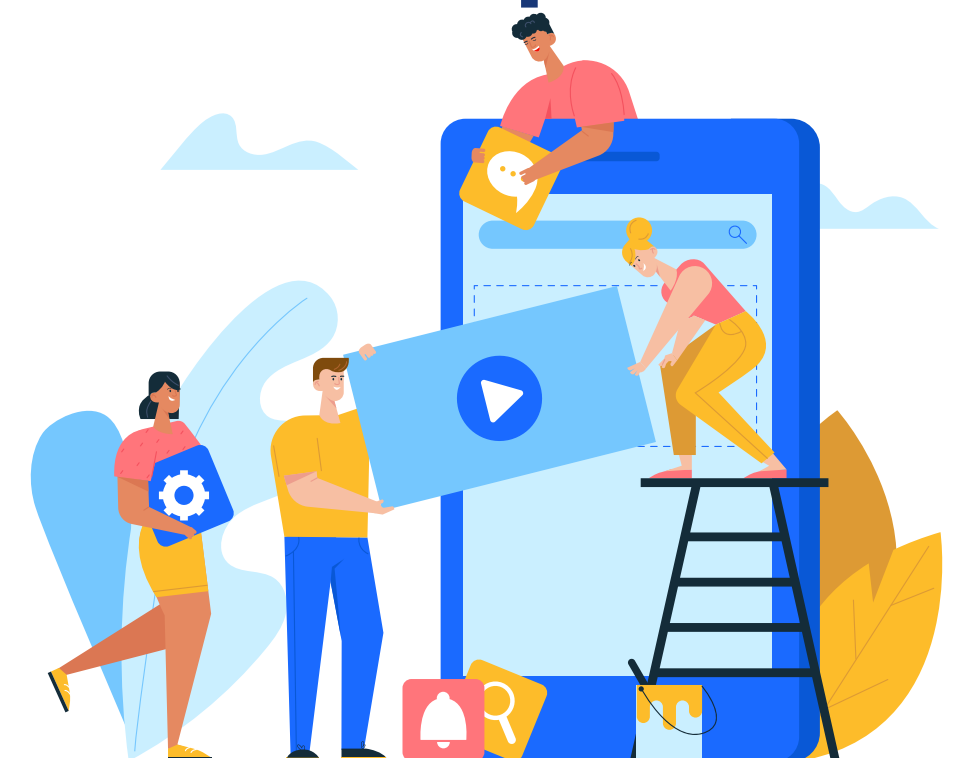


Certificate in Basic Mobile App Development



This comprehensive course provides a deep understanding of Android app development, covering essential topics such as the Android operating system, Java and Kotlin programming, Android Studio, app design and development, advanced features, security and privacy, app deployment, and hands-on experience. This course is designed to equip you with the skills and knowledge needed to develop mobile applications for various platforms, such as iOS and Android. By completing the Certificate in Mobile App Development, you can acquire the skills and expertise needed to excel in the field of mobile app development and create successful mobile applications.

Syllabus & Skills covered (60 hours)



- In-depth knowledge of the Android operating system, architecture, and version history.
- Mastery of Java and Kotlin programming languages, including syntax, object-oriented concepts, control structures, data types, and error handling.
- Efficient use of Android Studio and associated tools for project management, version control, and compilation.
- Application of UI/UX principles, handling activities, fragments, navigation, and utilizing Android's widgets and layout managers.
- Integration of location services, media functions, web services, JSON data processing, and SQLite databases.
- Understanding and implementing best practices for user data protection.
- Preparing and deploying apps to the Google Play Store, including signing, optimization, marketing, and monetization.
- Developing real-world Android apps through case studies and project-based learning.
- Exploring the development of applications for Wear OS and understanding multi-screen app design principles.

Career Opportunities



- **App Developer Trainee,**
- **Mobile Application Developer**
- **Mobile App Tester**
- **UI/UX Assistant (Mobile Focused)**
- **Mobile App Support Specialist**



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