

iOS App Development with Swift

Learn how to create iOS applications using Swift programming language.

Category: Programming · Duration: 5 days

WHO IT IS FOR

- Mobile developers and native app beginners
- Developers of any background
- Teams that want hands-on practice on real scenarios

In this course, you will gain the skills and knowledge necessary to build iOS applications using Swift. You will learn about the iOS development environment, user interface design, data management, and much more. By the end of the course, you will be able to develop your own iOS apps from scratch.

Prerequisites

Basic programming knowledge and familiarity with macOS.

Syllabus

- Introduction to iOS App Development
- Getting Started with Swift
- User Interface Design
- View Controllers and Navigation
- Data Persistence
- Networking and API Integration
- App Deployment and Testing
- Advanced Topics in iOS Development
- Creating Custom Controls
- Core Data and SQLite
- Multithreading and Concurrency
- Using External Libraries and Frameworks
- Working with Maps and Geolocation
- Implementing Push Notifications
- Integrating Backend Services
- Debugging and Performance Optimization

- Security Best Practices
- App Store Submission and Updates
- Introduction to ARKit
- App Monetization Strategies