

INDIA | UAE | CANADA | AUSTRALIA | MALAYSIA | HONG KONG | EUROPE REGION | OMAN

COUNTRYEDU PRIVATE LIMITED

GSTIN : 06AAJCC6151A1Z3ICIN:U72900HR2021PTC096283

Email : query@countryedu.com,grievances@countryedu.com

1-Month iOS Development Immersion Internship

Designed by: CountryEdu Private Limited

By CountryEdu Private Limited

(IT Managed Services & EdTech Solutions)

Program Objective :

- Understanding iOS application development, mobile application architecture, and Apple ecosystem fundamentals
- Developing expertise in Swift programming, Xcode, and iOS application development workflows
- Learning UI design, navigation, database integration, and API connectivity for iOS applications
- Building responsive, scalable, and high-performance applications for Apple devices
- Understanding app testing, security, deployment, and App Store publishing processes
- Preparing students for careers in iOS Development, Mobile App Development, and Software Engineering

Program Structure:

- Duration: 4Weeks (1 Month)
- Mode: Hybrid / Live / Classroom
- Tools Used: Xcode, Swift, SwiftUI, UIKit, Core Data, Firebase, GitHub, REST APIs Final
- Outcome: iOS Mobile Application Project + Internship Certificate

Week 1: IOS DEVELOPMENT FUNDAMENTALS

- Introduction to iOS Development
- Apple Ecosystem Overview
- Xcode Installation & Setup
- Swift Programming Fundamentals
- iOS Application Architecture
- User Interface Basics with SwiftUI

~ Outcome: Strong foundation in iOS development concepts, Swift programming, and Apple development tools.

Week 2: USER INTERFACE & APPLICATION DESIGN

- SwiftUIComponents &Layouts
- Navigation & Screen Management
- Forms & User Input Handling
- UIKit Fundamentals
- Responsive Mobile UI Design
- Apple Human Interface Guidelines

~ Outcome: Ability to create modern, responsive, and user-friendly iOS application interfaces.

INDIA | UAE | CANADA | AUSTRALIA | MALAYSIA | HONG KONG | EUROPE REGION | OMAN

COUNTRYEDU PRIVATE LIMITED

GSTIN : 06AAJCC6151A1Z3ICIN:U72900HR2021PTC096283

Email : query@countryedu.com,grievances@countryedu.com

Week 3: DATA MANAGEMENT & API INTEGRATION

- Core Data Fundamentals
- Local Data Storage
- REST API Integration
- JSON Data Parsing
- Firebase Integration
- Authentication & User Management

~ Outcome: Ability to manage application data and connect iOS applications with external services and APIs.

Week 4: TESTING, DEPLOYMENT & PROJECT DEVELOPMENT

- Application Testing & Debugging
- Performance Optimization Techniques
- iOS Security Best Practices
- App Store Publishing Process
- Git & GitHub Version Control
- Project Development & Presentation

~ Outcome: Ability to build, optimize, test, and publish professional iOS applications.

LIVE PROJECT & CAREER READINESS

Students work on real-world iOS Development projects such as:

- E-Commerce Mobile Application
- Food Delivery App
- Expense Tracker Application
- Healthcare Appointment Booking App
- Student Management System
- Task & Productivity Management App

Project Includes:

- Requirement Analysis & Planning
- UI/UX Development
- Database & API Integration
- Authentication & Security Implementation
- Testing & Deployment
- Final Project Presentation

~ Outcome: Hands-on experience in developing industry-level iOS applications demonstrating mobile UI development, database integration, API connectivity, testing, security, and deployment capabilities.

From beginner to job-ready — Become an iOS Development Professional in 1 Month.