

# SwiftUI Development Program

## Design Modern, Interactive Mobile Interfaces for Apple Platforms with SwiftUI

SwiftUI is Apple's modern UI framework that empowers developers to build **beautiful, responsive, and accessible interfaces** across all Apple platforms—including iOS, iPadOS, macOS, and watchOS—using declarative **syntax** and native performance.

At **Certed Technologies**, our **SwiftUI Program** focuses on mastering UI composition, interactivity, animations, and layout logic using SwiftUI and Swift—preparing learners to build **high-performance iOS interfaces** from scratch.

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## Why SwiftUI? Why Now?

Apple is aggressively pushing SwiftUI as the **default UI framework** for its future ecosystem. With native support for **dark mode, accessibility, animations, and cross-device design**, SwiftUI is ideal for building **next-gen Apple applications** faster and with less code.

Companies and startups targeting Apple users are now seeking developers skilled in SwiftUI to reduce development time and enhance design scalability.

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## Learn from Apple Ecosystem Developers

Our instructors include iOS professionals with live production experience in **SwiftUI, Swift, Xcode, and Apple Human Interface Guidelines (HIG)**. You'll learn the true power of declarative UI design and data-driven state management for iOS and beyond.

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## Program Highlights

Feature	Description
Duration	3–4 Months / 150+ Hours
Delivery Mode	Hybrid (Online + Offline)
Tools & Platforms	Swift, SwiftUI, Xcode, GitHub

<b>Project Work</b>	4+ SwiftUI Interfaces + 1 Capstone UI-Driven App
<b>Certifications</b>	Industry-Recognized + SwiftUI Developer Badge
<b>Career Support</b>	UI Showcase on GitHub, Resume Building, App Demos

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## What You'll Learn

### **Module 1: Getting Started with SwiftUI**

- Xcode Setup & Canvas Previews
- Declarative UI: Views, Modifiers, Layouts
- State, Binding, and Data Flow

### **Module 2: UI Architecture & Component Composition**

- Reusable Views & Custom Components
- LazyVStack, ScrollView, TabView
- Form Design, Lists, and Navigation

### **Module 3: Animations, Transitions & UX Enhancements**

- Implicit & Explicit Animations
- Matched Geometry Effects
- Gesture Recognizers & Effects

### **Module 4: Data Integration & App Logic**

- Working with ObservableObject & EnvironmentObject
- Local Storage with UserDefaults

- Simple API Calls with URLSession

## **Module 5: Advanced SwiftUI Techniques**

- CoreData with SwiftUI
- SwiftUI for macOS, iPadOS Preview
- App Theming & Dark Mode

## **Module 6: Capstone Project**

- Build a Complete UI-Centric SwiftUI App
  - Use State Management + API + Navigation
  - Prepare for App Showcase or Store Submission
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## **Who Should Enroll?**

Ideal for:

- Swift learners aiming to specialize in UI
  - Mobile designers moving into development
  - iOS developers transitioning from UIKit
  - CS/IT/MCA/BCA students targeting Apple platforms
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## **Career Outcomes**

On completion, learners can pursue roles such as:

- SwiftUI Interface Developer

- iOS Frontend Developer
- Apple UI/UX Engineer
- Mobile Product Designer + Developer

#### Top Hiring Sectors:

EdTech | Design Startups | Health & Wellness Apps | Media | Lifestyle Tech | Productivity Tools

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## Tools & Technologies Covered

SwiftUI | Swift | Xcode | Combine (Intro) | GitHub | URLSession | CoreData | SF Symbols | Apple HIG

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## Sample Project Ideas

- Fitness Tracker UI with Navigation + State
  - Expense Planner with Local Persistence
  - Quotes App with Animation Effects
  - Weather App UI with JSON Integration
  - Goal-Setting App with Custom Components
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## Certification

Earn a **Joint Certification** from Certed Technologies + Industry Mentors, and a **SwiftUI Developer Badge** that validates your interface development proficiency for the Apple ecosystem.

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## What Makes This Course Unique?

- ✓ UI-First Declarative Design Learning
  - ✓ Strong Focus on SwiftUI State, Layout, and Animation
  - ✓ Capstone Project Focused on Real UI Challenges
  - ✓ GitHub UI Portfolio for Interviews & Showcases
  - ✓ Mentorship on Apple HIG & Best Design Practices
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## Upcoming Batch

Batch Start Date	Mode	Status
15 July 2025	Online	Open
22 July 2025	Offline	Few Seats Left
05 August 2025	Hybrid	Open

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## Custom SwiftUI Training for Colleges & Creative Teams

We offer tailored SwiftUI-focused programs for:

- Colleges running mobile dev electives
- iOS app teams modernizing legacy apps
- Product-based startups targeting the App Store
- Design-oriented development teams



### Customization Options:


- SwiftUI + Combine (for data-rich UIs)
- UIKit to SwiftUI Transition Workshops
- SwiftUI for macOS/iPadOS User Interfaces

- SwiftUI + Accessibility Design Training

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## Talk to an Advisor

 Email: [support@certedtechnologies.com](mailto:support@certedtechnologies.com)

 Call/WhatsApp: +91-8920158923 | +91-9009015026

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## Ready to Build Next-Gen Apple Interfaces?

**“Design stunning interfaces faster, cleaner, and smarter—SwiftUI is the future of Apple development.”**

 [Enroll Now](#)      [Request a Callback](#)

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## ? Frequently Asked Questions (FAQs)

- 1. Do I need Swift knowledge before starting?**  
Some familiarity is helpful. We offer a Swift Foundation module optionally bundled with this program.
- 2. Is SwiftUI replacing UIKit?**  
SwiftUI is Apple's future-facing framework, though UIKit still powers many legacy apps. New apps are increasingly being built with SwiftUI.
- 3. Will I build full UI projects?**  
Yes. You'll complete multiple mini-projects and one capstone app interface.
- 4. Can I use this for my college/final year project?**  
Definitely! A UI-rich SwiftUI app is a strong project for iOS or frontend mobile submissions.
- 5. Is app deployment included?**  
The focus is on UI. However, we'll guide you on preparing your interface for App Store publishing.

6. **Will this prepare me for real jobs?**

Yes. Many modern iOS jobs now prefer SwiftUI experience, especially in startups and product teams.

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