

iOS Development with Swift 6

Building Scalable, Maintainable
Applications on iOS 27 and the
Modern Apple Platform



Swift 6 & Concurrency

Write safer, faster, and more reliable concurrent code.



Architecture & Scale

Design robust architectures that scale with your product and team.



Data & Persistence

Modern data modeling with SwiftData, Core Data, and CloudKit.



Networking & Security

Build secure, resilient systems with modern networking and encryption.



Testing & Quality

Test with confidence using Swift Testing, UI testing, and automation.



AI & The Future

Integrate Apple Intelligence, Core ML, and on-device AI capabilities.



SCOTT HANSMANN

SENIOR iOS ENGINEER • ARCHITECT • AUTHOR



BUILT FOR APPLE
ACROSS PLATFORMS

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and the Modern Apple Platform

Steve T. Publications

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About this book: This book is for senior iOS engineers who build and maintain complex production applications. It covers the full spectrum of modern iOS development on iOS 27 with Swift 6, from language evolution and concurrency safety to architectural patterns, modularization, data persistence, networking, security, testing, CI/CD, and Apple's expanding AI ecosystem. Every chapter is grounded in real-world engineering trade-offs rather than textbook abstractions. Code examples are production-ready, and architectural decisions are justified with measurable outcomes. If you have shipped iOS apps before and want to understand how to build systems that scale across teams, platforms, and years of platform evolution, this book is for you.

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