

# Curriculum Vitae

# Andrey Efimov

## iOS Developer (Swift & SwiftUI)

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Moscow

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### Professional Summary

A highly motivated and results-driven iOS Developer with a strong foundation in Swift and SwiftUI, acquired through intensive self-directed study and hands-on project development. Combines technical expertise with a background in consulting, enabling the delivery of practical, user-focused applications. Currently deepening knowledge of Swift Concurrency and application architecture while exploring AI tooling to enhance development workflows.

### Training & Development Experience

#### March 2024 – Present | Full-Time Self-Directed Study & Practical Development

Dedicated to mastering iOS development through structured learning and practical application.

- Completed comprehensive study programmes at beginner, intermediate, and advanced levels, with a focus on SwiftUI.
- Successfully designed, developed, and published a fully-featured educational application to the App Store, solidifying theoretical knowledge through real-world implementation.

#### Key Project: StartToSwiftUI – SwiftUI Learning Platform for Beginners

A comprehensive educational system built from scratch to teach SwiftUI fundamentals.

- Architecture: Implemented using the MVVM+C pattern.
- Data Management: Configured the complete data lifecycle using `@StateObject` and `@EnvironmentObject`. Integrated a REST API via `URLSession` within a Swift Concurrency environment for downloading and updating learning materials.
- Reactive Programming: Combine framework for reactive data streams.
- Persistence & Sync: Managed local and remote data with device synchronisation using `SwiftData` + `CloudKit`, `FileManager`, `Codable` (JSON), and `UserDefaults`.
- UI/UX: Built an adaptive interface for iPhone and iPad with a focus on user experience: `AnyLayout`, custom colours with Dark Mode support, custom 'Picker' components, and Widgets.
- Testing & Version Control: Implemented Unit and UI Tests. Used GitHub with GitKraken for version control and development history management.

App Store: <https://apps.apple.com/ru/app/starttoswiftui/id6755787606?l=en-GB>

Source Code: <https://github.com/AndreyEfimovDev/StartToSwiftUI>

### Core Technical Skills

**Languages & Frameworks:** Swift, SwiftUI, SwiftData, Combine

**Architecture & Patterns:** MVVM+C, Swift Concurrency (async/await, Actors)

**Data Handling:** REST APIs (`URLSession`), JSON/Codable, SwiftData + CloudKit, FileManager, UserDefaults

**Tools:** Xcode, GitHub, GitKraken, App Store Connect, TestFlight

**UI/UX Development:** Custom Views, `AnyLayout`, ViewModifiers, Adaptive Layouts, Dark Mode & Custom Colour Schemes

### Previous Professional Experience

#### Consultant / Senior Consultant / Project Manager

*Deloitte, Optima, LBRN, Compulink*

- Implementation of ERP systems (Microsoft Dynamics NAV/AX) for international and Russian companies across sectors including oil & gas, telecommunications, and advertising.
- Provided business consulting and developed financial and accounting policies.

*Further details of previous roles available upon request.*

### Education

#### Higher Military Engineering School, Moscow

Software Engineer | Specialisation: Software for Specialised Computing Systems

#### Financial Academy under the Government of the Russian Federation, Moscow

Economist | Specialisation: Financial Management / Finance & Credit

#### ACCA (Association of Chartered Certified Accountants), UK

Part-Qualified (Completed Level 1 & part of Level 2, including UK Corporate Law)

### Personal Attributes

Responsible and results-oriented. Possesses analytical abilities and a solid understanding of business logic. A fast and profound learner with strong attention to detail. Ready to tackle complex challenges and contribute effectively to a strong development team.