# İsa Anıl Koca



**iOS Developer | Swift | SwiftUI | UIKit**

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Portfolio: isaanilkoca.github.io | Military Service: Deferred

## SUMMARY

iOS Developer and Computer Engineering graduate building native iOS apps with Swift, SwiftUI and UIKit. Experienced with MVVM and VIPER architectures, Combine, RxSwift and async/await, Core Data and SwiftData, REST APIs with JSON, Firebase and unit/UI testing, with a cross-platform background in Android. Recently built Yüküm, a full-stack freight marketplace app with a SwiftUI client, developing its backend and database with a multi-agent AI workflow led by Claude Code.

## TECHNICAL SKILLS

**Programming Languages:** Swift, Java, Kotlin, C#, SQL
**iOS Frameworks:** SwiftUI, UIKit (Programmatic UI, Storyboard, Auto Layout), Combine, RxSwift, async/await, GCD, Core Data, SwiftData, MapKit, CoreLocation, WidgetKit, App Intents, Push Notifications (APNs), Keychain, App Lifecycle, SpriteKit
**On-Device AI and ML:** Apple Foundation Models, Core ML, Vision
**Architecture and Design Patterns:** MVVM, VIPER, Clean Architecture, Protocol-Oriented Programming, Dependency Injection, Repository, Delegate, SOLID
**Networking and Data:** REST API, JSON (Codable), URLSession, Alamofire, Firebase, Parse Server, .NET Core, SQL Server
**Testing and Quality:** Unit Testing (XCTest, Swift Testing), UI Testing (XCUITest), Mocking, Crash and Memory Leak Debugging
**Tools:** Xcode, Swift Package Manager (SPM), Git, GitHub Actions (CI/CD), Docker, Android Studio, Figma
**Android:** Android SDK, Jetpack (Room), RxJava, Google Maps SDK, Firebase, LibGDX
**AI and Agentic Development:** Multi-Agent Orchestration, Claude Code CLI (orchestrator agent), OpenAI Codex CLI, Google Antigravity, Cursor AI Agent, ChatGPT, Claude, Gemini

## WORK EXPERIENCE

**Software Persona** | Ataşehir, İstanbul
*Software Developer Intern* | Jan 2026 – Feb 2026
- Completed an intensive mobile development program using Swift, Flutter, Java and SQL with AI-assisted prototyping.
- Awarded Internship Success Certificate for excellence in project delivery and technical adaptation.

**Nabusoft Digital Solutions** | Levent, İstanbul
*Software Developer Intern* | Jul 2024 – Aug 2024
- Developed and tested Android mobile applications and games; presented final products to technical leads.
- Leveraged AI tools (ChatGPT, Gemini) for code generation, debugging and documentation; earned a Success Certificate.

## PROJECTS

**Yüküm – Freight Marketplace App** | 2026 | github.com/isaanilkoca/yukum
*Swift, SwiftUI, MVVM, REST API, .NET Core, SQL Server, Claude Code, Codex CLI, Antigravity*
- Built a freight marketplace where shippers post loads and carriers bid, with job tracking, in-app chat, ratings and notifications.
- Developed the native iOS app with SwiftUI, MVVM and protocol-based dependency injection, using async/await networking, Keychain-based login, CoreLocation "near me" search and APNs push notifications, following App Store Review Guidelines.
- Built the .NET Core REST API (Clean Architecture) and SQL Server database with a multi-agent AI workflow: Claude Code as the orchestrator agent, delegating tasks to OpenAI Codex CLI and Google Antigravity as parallel subagents.

**Crypto Tracker in MVVM, VIPER and RxSwift** | 2026 | *Swift, UIKit, SwiftUI, Combine, RxSwift, URLSession*
- Built the same crypto price tracker in three architectures: VIPER with programmatic UIKit, MVVM with RxSwift/RxCocoa and SwiftUI MVVM with Combine, with protocol-based layers, Codable JSON parsing and ARC-safe closures.

**Instagram Clone** | 2026 | *Swift (UIKit), Java (Android), Firebase, SDWebImage*
- Developed native photo-sharing apps for iOS and Android with Firebase Auth, Firestore, Storage and SDWebImage (SPM).

**Foursquare Clone and Travel Book** | 2026 | *UIKit, MapKit, CoreLocation, Parse Server, Core Data*
- Built MapKit and CoreLocation apps: venue check-ins backed by Parse Server and a travel notebook persisted with Core Data.

**Currency Exchange App** | 2026 | *Swift, UIKit, URLSession, Fixer API*
- Built a real-time currency converter consuming a REST API with JSON parsing for live exchange rate updates.

**Mobile Games (Survivor Bird and Catch Kenny)** | 2025 | *SpriteKit, LibGDX, Swift, Java*
- Built native game versions with SpriteKit (iOS) and LibGDX (Android), with physics, collision detection and animations.

## EDUCATION

**İstanbul Ticaret University** | İstanbul, Türkiye
*Bachelor of Engineering, Computer Engineering* | Oct 2021 – Jun 2026
Relevant Coursework: Mobile Programming, Data Structures, Algorithms, Object Oriented Programming, Database Systems, Computer Architecture, Microprocessors, Assembly (x86/8086), Digital Logic Design

## CERTIFICATIONS

- iOS 26 and Swift 6: Başlangıçtan İleri Seviyeye Mobil Uygulama (Udemy) | SwiftUI Bootcamp Programı, iOS, 2026 (Udemy)
- Internship Success Certificates (Software Persona, Nabusoft) | Project Writing (Öğrenci Kariyeri) | Software Management (Beykoz) | KOSGEB Entrepreneurship

## LANGUAGES

Turkish: Native | English: B2 (Upper-Intermediate)