

Nisa Nur AYDIN

iOS Developer

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Summary

iOS Developer with 1+ year of hands-on experience building fintech mobile applications. Skilled in Swift, UIKit, and RESTful API integration, with a strong foundation in clean architecture, memory management, and Agile workflows. Experienced in delivering end-to-end products across mobile and full-stack environments.

Professional Experience

iOS Developer | TKPay – Turkish Airlines’ Fintech Company Aug 2025 – Present

- Develop and maintain iOS features for a digital wallet application with 370K+ users, including KYC onboarding, foreign currency exchange, open banking integrations, and physical card management.
- Build and optimize data-intensive views with a focus on memory management and clean code principles using Swift and UIKit.
- Integrate RESTful APIs to synchronize real-time financial data, transaction histories, and wallet balances.
- Contribute to an internal analytics system to support business intelligence and product decisions.
- Collaborate in an Agile environment using Git/PR workflows to deliver sprint objectives consistently.

iOS & Frontend Developer | KOU Embedded Systems Lab. Mar 2024 – Mar 2025

- Developed an iOS music application using Swift, featuring playlist management, audio recording, and playback with AVFoundation, Realm, and iCloud integration.
- Built responsive web interfaces with React and contributed to API integrations to optimize application performance.

iOS Developer Intern | KOU Embedded Systems Lab. Jul 2024 – Aug 2024

- Developed StayHealthy, an iOS application that tracks meals, water intake, and exercise, using Core ML for food recognition.
- Integrated HealthKit, UIKit, and various nutrition APIs to provide accurate health tracking.

Education

Kocaeli University – Computer Engineering 2022 – 2026

Relevant Courses: Data Structures and Algorithms, Database Management, OOP, Software Engineering, Design Patterns

Projects

WordBrust | Full Stack Developer May 2025

Technologies: React Native, Node.js, Socket.IO, PostgreSQL, JWT, Docker, Render, WebSocket, Atomic Design Pattern

Developed a real-time multiplayer word game with a mobile-first approach using React Native. Implemented real-time communication via WebSocket/Socket.IO, turn-based gameplay logic, and secure user authentication with JWT.

Spendly | AI-Powered Personal Finance Assistant | iOS & AI Developer (Graduation Project) Oct 2025 – Jul 2026

Technologies: Swift, UIKit, Core ML, OCR, REST API, MVVM, PostgreSQL, Docker, Git

Developing a personal finance iOS application with a dual-pipeline receipt scanning system — server-side OCR processing with Apple Vision framework as on-device fallback, supporting Turkish and English receipts with custom merchant, amount, and date extraction. Integrated an AI-powered chat assistant, weekly/monthly/yearly spending analysis, budget tracking, recurring schedule management, and push notifications. Built with MVVM architecture, async/await, and protocol-based dependency injection.

Skills

Languages & Frameworks: Swift, UIKit, SwiftUI, Core ML, AVFoundation, HealthKit, React Native, JavaScript

Tools & Other: Core Data, Realm, PostgreSQL, Git, Docker, MVVM, REST API, Agile