KEREM TÜRKÖZÜ
iOS Developer | MSc. Software Engineer

I am an iOS Developer with 2 years of professional experience, specializing in building user-focused, high-performance, and sustainable mobile applications. I have developed 15+ apps, 7 of which are currently live on the App Store, generating a total monthly recurring revenue (MRR) of $200. Experienced in ASO strategies and optimization to increase app visibility and downloads.

Currently pursuing a Master's degree in Software Engineering at Hacettepe University, I am deepening my expertise in modern software development methodologies including Clean Code, MVVM, CI/CD, and Agile/SCRUM.

Proficient in iOS SDK, RESTful APIs, Git version control, unit testing, and App Store Connect processes. Additionally, I have cross-platform development experience with React Native and practical knowledge from a full stack development internship.

Contributor to the iOS community with over 100 technical articles published on Medium. Highly motivated, eager to learn, and quick to adapt to new technologies, I aim to deliver value in the mobile development space.

Experiences

Freelance iOS Developer
Kasım 2023 - Şimdi

- Designed and developed 15+ iOS applications and published them on the App Store.
- Maintained 7 live apps on the App Store, handling updates for security, performance optimization, and general maintenance.
- Built reliable and scalable application architectures using Swift, SwiftUI, UIKit, and Core Data.
- Successfully implemented third-party API integrations and data management processes.
- Utilized JWT-based authentication and other methods to ensure application security and protection of user data.
- Applied modern software architectures such as MVVM, VIPER, and Clean Architecture to ensure code maintainability.
- Established modular and manageable project structures using Swift Package Manager and CocoaPods.
- Increased app accessibility and reached a wider user base through ASO strategies.

Full-Stack Developer
Temmuz 2024 - Ağustos 2024

Altay Yazılım Savunma Endüstriyel San. Tic. A.Ş.

- Developed the frontend of a stock tracking application using Angular, TypeScript, and MDB.
- Implemented backend integration with ASP .NET Core and Entity Framework Core.
- Developed JWT-based authentication and authorization mechanisms.
- Managed data access with MSSQL database using Dependency Injection and DbContext.
- Conducted API testing using Postman and Swagger, and prepared technical documentation.

Contact

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Portfolio/Website

keremturkozu.github.io/
github.com/keremturkozu
apps.apple.com/kerem-turkozu
medium.com/@turkozukerem

Programming Languages

Swift, Python, Javascript, C++, C#, Java

Frameworks

SwiftUI, UIKit, .NET Core, Angular, React, React Native, Node.js

Tools

Git, Xcode, Figma, Postman, Swagger, MS Office, VSCode

Databases

MSSQL, Firebase, MongoDB, PostgreSQL, MySQL

Software Architectures

MVVM, VIPER, Clean Architecture, Dependency Injection, Unit Testing, CI/CD

Practices

Agile/SCRUM, Jira, Trello, Technical Documentation

Academic Background

Data Structures, Algorithms, Software Security, Software Testing, Software Quality Management

Projects

*The projects marked with an asterisk are published on the App Store. Some of the listed projects are open source and available on GitHub. Additionally, there are 50+ projects on GitHub.

*Electric Vehicle Charging Station Finder

Application to find EV charging stations based on location and availability, with route planning.
Technologies / Features: SwiftUI, SwiftData, Combine, OpenChargeMap API, CoreLocation, RevenueCat.

*AI-Powered Therapy Assistant

Provides AI-assisted conversations and mental health tools.
Technologies / Features: SwiftUI, SwiftData, OpenAI API, RESTful, Vercel, URLSession, Combine.

*Bluetooth Device Tracker

Scans, lists, and notifies users of nearby Bluetooth devices.
Technologies / Features: Swift, SwiftUI, CoreLocation, MapKit, CloudKit, StoreKit, CoreData, Combine.

*Image Converter – PDF & JPG/HEIC/PNG

Image format converter supporting multiple file types and batch processing.
Technologies / Features: SwiftUI, CoreData, Combine, FileManager, CoreImage, RevenueCat.

*Parked Here – Car Locator

Application for vehicle parking management and easy car location tracking.
Technologies / Features: Swift, SwiftUI, CoreLocation, MapKit, CloudKit, StoreKit, CoreData.

*MindSpark – Idea Notes

Fast and efficient idea-capturing tool for entrepreneurs, developers, and indie makers.
Technologies / Features: SwiftUI, CloudKit, StoreKit, UserDefaults.

*Clipboard App (macOS)

macOS app that stores clipboard history and allows easy access.
Technologies / Features: AppKit, Swift, CoreData.

*EchoNote – Voice Notes App

App allowing users to record, save, and manage voice notes.
Technologies / Features: UIKit, Swift, AVFoundation, CoreData, CloudKit.

Fuel Tracker – MIS Capstone Project

Academic project for tracking vehicle fuel consumption and expenses.
Technologies / Features: Swift, SwiftUI, CoreData, CloudKit, Combine.

Carbon Footprint Game

Story-based expense game to raise awareness about sustainability (developed for WWDC25 Swift Student Challenge).
Technologies / Features: Swift, SwiftUI, Swift Playgrounds, UIKit.

TravelBook

A location-based iOS app that allows users to save and view places they have visited. Includes map integration and data persistence.
Technologies / Features: Swift, UIKit, MapKit, Core Data

Reflex Taps Game

A simple reflex-based iOS game where players try to catch a moving character within a time limit. Features scoring and timer mechanics.
Technologies / Features: Swift, UIKit, Timer API, SwiftData

Machine Learning Projects

Developed and trained machine learning models on various datasets.
Technologies / Features: Python, scikit-learn, TensorFlow, Pandas, Matplotlib.

Regression Analysis Library

Python-based data analysis and regression models library with visualization tools.
Technologies / Features: Python, NumPy, Pandas, Matplotlib, Jupyter Notebook

Face Recognition System

Application for face recognition and verification from photos and camera input.
Technologies / Features: Python, OpenCV, Dlib, Machine Learning.

AltayStock – Inventory Management System

Web-based stock management application developed for Altay Defense Industry. Features include product addition, updates, and reporting.
Technologies / Features: Angular, JavaScript, ASP.Net Core, TypeScript, RESTful API, JWT.

Jarvis – Personal Assistant

Voice-controlled assistant app with modules for weather, reminders, and note-taking.
Technologies / Features: Python, SpeechRecognition, OpenAI API, Flask, RESTful API.

HashPassword – Password Security Tool

Library for securely hashing and verifying passwords.
Technologies / Features: Python, bcrypt, hashlib.

*Personal Portfolio Website

Portfolio website showcasing all applications and projects.
Technologies / Features: React, JavaScript, TailwindCSS, Vercel.

ChatBot Web Application

AI-powered chatbot web app similar to ChatGPT. Provides responses to user queries and stores conversation history.
Technologies / Features: React, Spring Boot, Firebase, RESTful API, Python.

Radar Signal Simulation and Analysis

Python-based tool for radar signal generation and analysis. Supports CW, pulse, and FMCW signals. Developed dynamic user interfaces to enhance user experience.
Technologies / Features: Signal generation, AWGN noise addition, FFT and spectrum analysis, SNR calculation, peak detection, time/frequency domain visualization.

Sensor Fusion Library

C++17 library for multi-sensor data fusion in embedded systems.
Technologies / Features: GPS, IMU, and temperature sensor integration; multi-threading (producer/consumer model), 2D complementary filter, CMake support, real-time demo.

Education

Hacettepe University   2025-2027

Software Engineering, Master of Science

- Program focused on advanced software development, system analysis, data structures, and modern software architectures.
- Academic and practical training in artificial intelligence, project management, and reliable software systems.
- Continuing iOS application development and the process of building and publishing MVPs.

Ankara Medipol University   2021-2025
                                                            Grade: 2.93
Management Information Systems, Bachelor of Science

- Learned the fundamentals of Object-Oriented Programming (OOP).
- Performed statistical data analysis using R and explored Big Data concepts.
- Developed web projects using JavaScript and React.
- Built Machine Learning projects (classification & prediction) using Weka.
- Designed and implemented database-driven projects with MySQL.
- Developed projects using Python.
- Gained internship experience as a Full Stack Developer.
- Currently focusing on iOS development with Swift and publishing my own applications on the App Store.

Ataturk University   2021-2023
                                                            Grade: 3.34
Computer Programming, Associate's Degree

- Completed a second degree in Management Information Systems at Ankara Medipol University.
- Received training in HTML, CSS, JavaScript, and User Interface Design.

Cankaya University   2020-2021

Mathematics, Bachelor of Science

- After completing the English preparatory program, I transferred to the Management Information Systems department through horizontal transfer.

Certifications

- Programming Fundamentals in Swift @Meta
- User Interface Design and Prototyping @Microsoft
- iOS App Store & In-App Purchases @LearnQuest
- App Design and Development @University of Toronto
- Introduction to Mobile App Development @IBM
- Foundations of Swift and SwiftUI @Packt
- Apple Search Ads @Apple
- iOS Programming with Swift @Turkcell
- Programming with Javascript @Meta
- Version Control @Meta
- Tables, Data & Networking in iOS @LearnQuest

Community & Competitions

Medium - Technical Writer

I write technical articles on iOS development and software engineering, sharing insights and best practices with the developer community with 100+ articles and over 20K readers. I contribute to the @LevelUpCoding publication, helping developers enhance their skills and stay updated with the latest trends.

WWDC – Swift Student Challenge 2025

Participated in WWDC Swift Student Challenge with a story-driven spending game that raises awareness about carbon footprint. Designed and developed the project using SwiftUI and Swift Playgrounds, creating an interactive experience to educate users on sustainable spending.

Communities

IEEE Computer Society Medipol University
Google Developers Club Medipol University
IEEE Computer Society Cankaya University

Languages

Turkish
Native

English
B2 Level

German
A2 Level