

Efe Bülbül

iOS Developer

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EDUCATION

B.Sc. Management Information Systems — Istanbul Topkapi University	2024 – Present
A.Sc. Computer Programming — Istanbul University	2023 – Present

SKILLS & LANGUAGES

iOS	Swift, UIKit, SwiftUI, MapKit, CoreLocation, AVFoundation, Local Notifications, StoreKit/paywalls
Tools & Other	Firebase, REST APIs, Git/GitHub, Python (Computer Vision), HTML/CSS/JS
Languages	Turkish (native) · English (B2) · Arabic (A2)

SUMMARY

iOS developer and Management Information Systems student focused on performance and user-centered design. Shipped two apps to the App Store end to end — from design to release — and iterated on them with real user feedback. Maintains open-source Swift packages and writes technical articles on iOS development. Motivated most by turning an idea into a working product.

EXPERIENCE

iOS Developer Intern — Teknasyon	2025 · Istanbul
- Worked on a production iOS application: fixed bugs and developed new features, taking every change through testing and code review. - Designed reusable UIKit components and applied patterns that reduced code duplication across the codebase. - Learned to navigate, understand and safely modify a large existing codebase — a step beyond academic projects.	

Independent iOS Developer — Personal Projects	2024 – Present
- Owned the full lifecycle of two App Store apps: product decisions, design, development, release and post-launch iteration driven by user feedback. - Built local notification systems, premium-feature (paywall) infrastructure and analytics integrations hands-on. - Explored computer vision with Python: object detection and camera-stream modules for a university project.	

PROJECTS

Stride — Run Walk Repeat [App Store](#) · Swift, UIKit, MapKit, CoreLocation, Charts

- A deliberately simple running app: real-time GPS tracking, MapKit route visualization and clear workout metrics with charts for pace, distance and calories.
- Built a Ghost Runner mode that replays a previous run on the route in real time, and a cinematic post-run replay that renders shareable MP4 videos.

TasklyX [App Store](#) · Swift, SwiftUI, UIKit, Firebase

- A focused to-do app with categories, reminders and multiple themes; built the Firebase sync and local notification infrastructure from scratch.

Autonomous Search & Rescue Drone

University project · Python, Computer Vision

- UAV system that detects missing persons in disaster scenarios using thermal imagery and image processing; a hardware + software prototyping effort beyond pure app development.

OPEN SOURCE & WRITING

- RunReplayKit** — Swift package for cinematic post-run replays on MapKit with MP4 export (github.com/efebulbul/RunReplayKit).
- GhostRunner** — Swift package to race against your past runs as a moving ghost on MapKit (github.com/efebulbul/GhostRunner).
- Technical articles on iOS development (MapKit, animation, replay systems) on Medium.