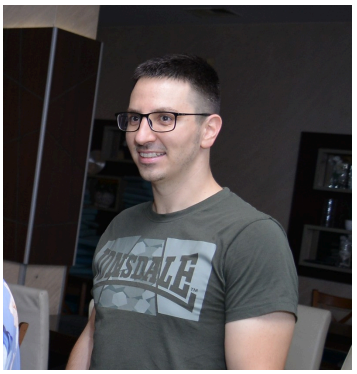
Zhivko Manchev



Lead/Senior iOS Engineer

Citizenship: Macedonian, Bulgarian
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https://www.zhivkomanchev.com/
https://www.linkedin.com/in/zmanchev/

Education & Language

Goce Delcev University, Shtip, North Macedonia
2009 - 2014
Bachelor of science in computer science, NQF VI A

Languages: English (fluent), Macedonian

Job-related skills

Experienced and results-driven iOS developer with 11+ years of building high-quality native apps. Expert in Swift, SwiftUI, and MVVM architecture, with a strong focus on performance, scalability, and clean, testable code. Skilled in TDD, CI/CD, and leading projects from scratch or improving existing codebases. I build apps that are intuitive, reliable, and easy to maintain, and enjoy working in environments that value collaboration, knowledge sharing, and continuous improvement.

Tech Stack

- **Languages & Frameworks:** Swift, SwiftUI, UIKit
- **Architecture & Practices:** MVC, MVVM, TDD, CI/CD, SOLID Principles, Code Review, Modularization, Swift Concurrency (async/await)
- **APIs, SDKs & Services:** Firebase (Auth, Firestore, RealtimeDB, Storage), Supabase, GraphQL (Apollo), WebRTC, Stripe, StoreKit, GoogleSignIn, WeatherKit, OpenWeatherMap, OneSignal, Push Notifications
- **System & Device Features:** CoreLocation, CoreBluetooth, CoreGraphics, CoreAudio, CoreVideo, AVFoundation, VisionFramework, LiDARKit, Live Activity (Dynamic Island), Speech
- **Location, Mapping & Media:** MapKit, Google Maps SDK, Mapbox

Leadership & Communication

- Led the iOS Team, setting technical direction, assigning tasks, and ensuring timely delivery of high-quality features.

- Facilitated code reviews, maintained coding standards, and promoted best practices across the development process.
- Delivered regular tech talks and internal presentations on emerging iOS features (e.g., SwiftUI updates, iOS SDK features, WWDC takeaways).
- Provided mentorship to junior and mid-level developers, supporting continuous skill growth.
- Collaborated closely with product, design, QA, and backend teams to align technical solutions with business goals.
- Actively involved in architecture decisions, feature scoping, and sprint planning to ensure scalability and maintainability.

Soft Skills

- **Problem Solver:** I love untangling complex bugs and finding clean, long-term fixes—not just quick patches. Whether it's a crash report or a performance bottleneck, I dig deep to understand the "why" behind the issue.
- **Proactive Communicator:** I keep clients and teammates in the loop with clear updates, ask thoughtful questions, and collaborate closely to shape features that actually solve their needs.
- **Team Player & Mentor**: I don't just write code—I make sure it's clean, easy to understand, and built to last. I push for smarter solutions, not quick fixes, and I love helping my team take pride in their work.
- **Adaptable & Resilient:** Thrive in fast-paced environments, handle ambiguity, and embrace continuous learning.
- **User-Centric Thinker:** Prioritize performance, usability, and accessibility in feature development.

Experience

Deltatre (Contract)

JUN 2025 - Present

- Worked on a white-label streaming app for iOS and tvOS, built for easy customization to suit different client needs. Developed scalable features for content streaming, user profiles, and a highly flexible UI, enabling clients to easily adapt app elements and interactions through simple configuration.
- Continued development of the platform, contributing to the customization and adaptation of the application for large-scale streaming services. **Result**: Enabled efficient delivery of tailored streaming applications for multiple clients while maintaining a reusable codebase, flexible architecture, and consistent user experience across iOS and tvOS.

Wolfware, North Macedonia

https://wolfwarelabs.com/

NOV 2022 - MAY 2025

- Led development of an iOS app for drone pre-flight planning with maps, weather, forms and checklists to ensure safety and compliance. Integrated documentation and real-time data, streamlining the pre-flight process for drone operators with offline support for seamless operation in remote areas.
  Result: Improved pilot productivity, efficiency and safety compliance, received a 4.8 star rating on the App Store.
- Built a fan engagement app for Formula Drift fans with multiple simultaneous livestreams, driver profiles, brackets, real-time event updates and interactive features for fans.
  Result: Boosted fan engagement during live events, significantly increased app daily usage compared to the previous app.
- Developed a hockey social media app enabling coaches and pro players to review and analyze user-submitted play videos. Integrated video editing, drawing tools, and voice feedback to provide personalized coaching.
  Result: Strengthened player-coach connection and provided a scalable platform for skill development. Praised by early users for its ability to get personalized feedback by professionals.
- Delivered MVPs for social media platform, room scanning using LiDAR, and betting platform, focusing on core features, performance and fast delivery to meet business needs and user engagement.
  Result: Helped startups validate product-market fit, attract investors and move quickly from concept to demo-ready or production-ready state.

Adamantus, North Macedonia

https://adamantus.com/

NOV 2014 - NOV 2022

- Developed high-traffic iOS and Android apps, with several reaching over a million users.
- As a contractor, led development of multiple iOS apps and an internal barcode-scanning framework used across native and cross-platform projects.
- Built a modular, unit-tested iOS framework powering Cordova, React Native, Flutter, and NativeScript plugins, enabling centralized logic, easier maintenance, and consistent updates across platforms.

StadiaConnect, North Macedonia (Part-Time / Contract)

https://stadiaconnect.com/

DEC 2016 - AUG 2018, MAY 2020 - SEP 2020 (Part-time, remote)

- Constructed multiple iOS apps for various soccer teams.
- Implemented a reusable codebase to streamline app creation for new teams and simplify the process of adding/updating features across existing apps.

Digimak, North Macedonia (Part-Time / Contract)

OCT 2019 - MAY 2021 (Part-time, remote)

- Created iOS and Android apps for a mobile carrier, enhancing customer engagement and service accessibility.

TrustedCare, Zürich (Switzerland) (Part-Time / Contract)

NOV 2020 - FEB 2021 (Part-time, remote)

- Updated an iOS Cordova plugin for VoIP calls to ensure compatibility with newer iOS versions.
- Enhanced an Android Cordova plugin for Firebase push notifications to support VoIP call handling.

Freelance, Upwork (Part-Time / Freelance)

AUG 2019 - JAN 2020 (Part-time, remote)

- Developed custom iOS Cordova and React plugins for various functionalities, including water filling animations, camera controls, text-to-speech, object/face detection (using Apple's Vision framework), URL cookie extraction, and integration with Snapchat's Creative Kit.
- Created solutions for video/audio recording, background uploads, and advanced object tracking, enhancing app features and user experience.

Published apps

Confidential *(name and link omitted due to confidentiality)*

- iOS and tvOS streaming application published on the App Store, developed as part of a professional client engagement.

Wolfware

- Tailboard UAS (iOS), see in AppStore
- FD Unlocked (iOS), see in AppStore
- ProView Sports (iOS), see in AppStore

Adamantus

- T9 Dialer (iOS), see in AppStore
- MRZ Scanner (iOS), see in AppStore

- Barcode Scanners (iOS, Android), see in AppStore, see in PlayStore
- MX Browser (iOS, Android), see in AppStore, see in PlayStore

StadiaConnect

- Heerenveen (iOS), see in AppStore
- Fortuna Sittard (iOS), see in AppStore
- Den Bosch (iOS), see in AppStore
- STVV (iOS), see in AppStore

Digimak

- Moj Telekabel (iOS, Android), see in AppStore, see in PlayStore