

# Robert Horvat

iOS Developer



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🎂 May 16th, 1997

## 👤 Profile

With over seven years of hands-on software development experience, I've spent the last five years honing my skills in iOS development. My focus has been on creating mobile apps that are not only efficient but also leave a strong impression. My background is deeply rooted in iOS, and I make it a priority to stay up-to-date with the latest trends and technologies.

Throughout my career, I've consistently delivered high-quality apps that prioritize user experience, functionality, and clean code. I take pride in my ability to work well in collaborative environments, where I can turn client ideas into practical technical solutions. I'm particularly skilled at solving complex problems and paying attention to the small details, resulting in code that's scalable and easy to maintain.

I thrive in fast-paced settings, always looking for ways to push the boundaries of iOS development. My commitment to delivering exceptional results has earned me a reputation for exceeding expectations. I'm not just following industry trends; I'm actively shaping them.

What truly sets me apart is my knack for finding creative solutions to challenges. I've tackled some tough problems in my time, and my dedication to finding the best possible solutions has always driven me forward. My work is a testament to my dedication and my passion for creating polished and impactful apps.

In the constantly evolving world of iOS development, I'm not just keeping up; I'm leading the way. I embrace each new project as an opportunity to innovate and bring my unique perspective to the table. My journey is marked by accomplishments that reflect my commitment to delivering top-notch work.

As an iOS developer, I'm excited to continue pushing the envelope and setting new standards for excellence.

## Skills

Swift, SwiftUI, UIKit, MapKit, CoreData, Realm, CoreBluetooth, CoreLocation, Fastlane, Firebase, RxSwift, RxCocoa, Combine, SPM, CocoaPods, XCTest, Quick, Nimble, PHP, Laravel, HTML, CSS, Javascript, SQL, noSQL, REST, C#, Python

## Experience

### iOS Developer

#### Audi Business Innovation GmbH

- **Developed new Feedback Module for their Stage App** allowing Audi users to leave detailed reviews about their cars and services, incorporating both positive and negative feedback options.
- **Integrated media attachments** enabling users to enhance their feedback with images and videos, supporting both camera and library inputs for a more engaging and illustrative user experience.
- **Implemented MVVM architecture** design pattern to ensure a clean, maintainable, and testable codebase, improving overall scalability and performance of the app.
- **Utilized SwiftUI** for modern UI, visually appealing and responsive user interface, ensuring a seamless and intuitive user experience across different devices.
- **Ensured high-quality code with XCTest** to guarantee functionality, reliability, and performance, leading to a robust and error-free module.

#### Tech Stack:

Swift, SwiftUI, SPM, Fastlane, XCTest, MVVM

### iOS Developer

#### Petersons

- **Developed a few iOS applications** for their innovative online tutoring and quiz based ecosystem where I developed apps designed for both iPhone and iPad devices, providing a comprehensive educational platform.
- **Designed intuitive user interfaces** tailored for different device types, ensuring a seamless user experience across both iPhone and iPads.
- **Integrated quiz modules and progress tracking** functionalities, enhancing the app's educational effectiveness and user engagement.
- **Collaborated with development team** to ensure cohesive integration of features and maintain high standards of app performance and reliability.
- **Contributed to multiple apps within the project** and played a key role in the development of several apps under the Petersons project, ensuring consistency and quality across the entire suite of educational tools.
- **Automated build delivery mechanism** using Fastlane ensuring a quick and easy process from the development to the QA and Release.

### Tech Stack:

Swift, SwiftUI, UIKit, SPM, Realm, Fastlane, RxSwift, Firebase, CleanSwift, MVVM

### App on the App Store:

- **Peterson's Test Prep:**  
<https://apps.apple.com/hr/app/petersons-test-prep/id1547771930>
- **Dean Vaughn Medical Terminology:**  
<https://apps.apple.com/hr/app/deanvaughn-medical-terminology/id1606231027>
- **HSPT | High School Test Prep:**  
<https://apps.apple.com/hr/app/hspt-high-school-test-prep/id6446954054>
- **CLEP | College Comp:**  
<https://apps.apple.com/hr/app/clep-college-comp/id6443914658>
- **CLEP | Sociology:**  
<https://apps.apple.com/hr/app/clep-prep-sociology/id1670596969>
- **DSST | Principles of Supervision**  
<https://apps.apple.com/hr/app/principles-of-supervision-dsst/id6450206908>

## iOS Developer

### Medi Vision

- **Developed iPad App for medical professionals** to support medical professionals with their daily practice of measuring patients for custom made compression garments.
- **Enhanced efficiency and patient care** by providing a reliable and effective tool for daily use
- **Supported a wide range of products** helping the facilitation of Medi Vision's diverse range of medical devices and equipment, including compression stockings and orthopedic supports, through the app.
- **Integrated 3D scanning** of the patient using LympaTech framework powered by Structure sensor and parsing their data to ensure much better and faster UX as opposing to manual input of the measurement.

### Tech Stack:

Swift, UIKit, Realm, LympaTech, StructureSDK, Bitrise, Fastlane, SPM, CoreAnimation, Atlantis, Firebase, Amazon S3, MVC

### App on the App Store:

<https://apps.apple.com/de/app/medi-vision-fachhandel/id1535596497?l=en>

## iOS Developer

### Teladoc

- **Developed a doctor appointment platform** by playing a pivotal role in the development of Teladoc's innovative platform, enabling users across the United States to schedule and conduct virtual consultations with healthcare professionals.

- **Collaborated with cross-functional teams** to integrate the platform with backend APIs ensuring smooth data exchange and real-time updates
- **Rewritten legacy code** from obj-c to swift ensuring type-safe codebase and better memory management overall, ensuring a robust and dependable virtual consultation experience for users.

#### **Tech Stack:**

Swift, UIKit, Obj-C, CoreAnimation, CocoaPods, SPM, MVC

#### **App on the App Store:**

<https://apps.apple.com/us/app/teladoc-health-virtual-care/id656872607>

### iOS Developer

#### **Bellabeat**

- **Developed women's health tracking apps:** Played a pivotal role in developing Bellabeat and Period Diary apps, empowering women to monitor menstrual cycles, identify fertile days, and track pregnancies.
- **Crafted intuitive user interfaces:** Designed user-friendly interfaces and seamless experiences, ensuring the apps met the highest standards of usability and performance.
- **Integrated backend APIs and bluetooth devices:** Facilitated smooth data exchange and real-time updates by integrating apps with backend APIs and Bluetooth devices (Ivy and Leaf), monitoring health parameters like heart rate and body temperature.
- **Ensured high-quality and reliable performance:** Contributed to the overall functionality, reliability, and excellence of the Bellabeat apps, providing actionable health insights and tools to users.
- **Guided junior developers:** Led a team of junior developers, helping them resolve memory leaks and rewrite closure-based code using Swift concurrency, enhancing app performance and reliability.
- **Ensured high-quality testing:** Assured thorough testing of algorithms using Quick and Nimble TDD, maintaining the reliability and accuracy of the app's functionality.

#### **Tech Stack:**

Swift, UIKit, SwiftUI, LottieAnimation, SPM, Firebase, Firestore, CoreAnimation, CoreBluetooth, RxSwift, RxCocoa, Combine, TDD, Quick, Nimble, VIPER, MVVM

#### **Apps on the App Store:**

- **Bellabeat:**

<https://apps.apple.com/hr/app/bellabeat-wellness-coach/id1005052173>

- **Period Diary:**

- <https://apps.apple.com/hr/app/period-diary-ovulation-tracker/id436762566>

## iOS Developer

### TalksOnLaw

- **Developed App for Legal Professionals:** Played a pivotal role in shaping an app tailored for legal professionals at TalksOnLaw, providing access to educational videos and Continuing Legal Education (CLE) points accumulation.
- **Crafted User-Friendly Interfaces:** Designed user-friendly interfaces and seamless experiences, ensuring high usability and performance of the app.
- **Integrated Backend APIs:** Collaborated across departments to integrate TalksOnLaw with backend APIs for real-time data exchange, enabling instant access to up-to-date legal information and educational content.
- **Rewrote Codebase to Swift:** Led the transformation of the codebase from Objective-C to Swift using The Composable Architecture, improving code quality, maintainability, and scalability of the app.
- **Implemented SplitView on iPads:** Championed the implementation of SplitView on iPads, enhancing multitasking capabilities and improving utility and appeal of the app for legal professionals.
- **Ensured Exceptional Code Quality:** Diligently delivered exceptional code, resolved critical issues, and contributed to shaping a robust and user-friendly resource for legal practitioners.
- **Empowered Legal Professionals:** Contributed to the app's capability in empowering legal professionals to earn CLE points through engaging videos and manage educational content effectively.

#### Tech Stack:

Swift, SwiftUI, CoreAnimation, SPM, TCA (The Composable Architecture), Combine

#### App on the App Store:

<https://apps.apple.com/hr/app/talksonlaw/id1075459516>

## Full-stack/iOS/CTO

### Dxstinity

- **Founded "Dxstinity" iOS App:** Conceptualized and founded Dxstinity, a pioneering social networking app on iOS integrating a revolutionary compatibility algorithm based on astrology data.
- **Developed Full-Stack Solution:** Designed and developed the full-stack architecture, including backend services using Firebase Firestore for authentication and database management, ensuring secure and efficient data handling.
- **Crafted iOS Application:** Led iOS development efforts to create Dxstinity, focusing on delivering a seamless and intuitive user experience through innovative features and robust code implementation.
- **Implemented Compatibility Algorithm:** Engineered and integrated a groundbreaking compatibility algorithm based on astrology data, enhancing user engagement and satisfaction within the Dxstinity app ecosystem.

- **Managed Solution Architecture:** Acted as the solution architect, overseeing the technical design and implementation strategies to optimize performance, scalability, and maintainability of Dxstinity across platforms.
- **Ensured Data Security and Integrity:** Implemented Firebase Auth and Firestore database to manage user authentication and data storage securely, adhering to best practices in data security and privacy.
- **Achieved User Engagement:** Successfully launched Dxstinity to provide users with a unique social networking experience centered around astrology compatibility, fostering meaningful connections and interactions.

#### **Tech Stack:**

Swift, SwiftUI, Firebase, Lottie, SPM

#### **App on the App Store:**

<https://apps.apple.com/hr/app/dxstinity/id6478694990>

#### **Honorable mentions:**

**Hango app** (iOS developer)

**UBIQ Lotto app** (iOS developer)

**Brasseraj web shop** (web developer)

**Representative web pages** (5-10 share-hosted web pages)



## **Education**

### **BACC. ING. COMP., Polytechnic of Međimurje, Čakovec**

Two years in a row got a STEM state scholarship and got a reward for having the best grades in county.

### **IM Hackathon**

Thrilled to win a third place at a competitive hackathon by developing a cutting-edge iOS app in Swift using UIKit programmatically, RxSwift and Firebase for an out of the box backend solution. My innovative solution stood out and earned me recognition from the judges. Grateful for the experience and proud of my achievement, which came with a cash prize. Looking forward to continuing to innovate and collaborate in the tech space.



## **Languages**

**Croatian** | Native

**English** | Advanced

**German** | Basic

A stylized, cursive handwritten signature in black ink, appearing to read 'Jana'.