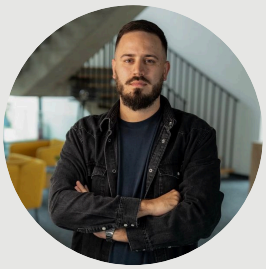
Stefan Pačavra



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23/08/1995

Stefan Pačavra

PROFILE

Skilled software engineering professional with demonstrated history of working in IT industry for last 8+ years. Hard-working individual, responsible and focused meeting deadlines.
Even though I take my work seriously, some of my coworkers tell me that I have good sense of humour. I am always energetic and eager to learn new skills.

EDUCATION

Applied Computer science
Faculty of technical sciences
2014 – 2021 | Novi Sad, Serbia

Computer science
High School of electrical engineering
2010 – 2014 | Novi Sad, Serbia

PROFESSIONAL EXPERIENCE

Mobile Developer
04/2018 – present | Novi Sad, Serbia
Worked in a lot of different projects and teams. Mostly we used scrum methodology, and for the version control system we used git in a different strategies depending on the project. I worked on maintaining and writing new functionalities, and also wrote projects from scratch.
We used to write clean architecture in mvvm pattern (Both UIKit and SwiftUI).

PROJECTS

Covered by NDA
Flutter
2024 – 2025
A Flutter-based fintech solution developed under a strict NDA, utilizing Dio for secure and efficient API communication, BLoC for robust state management, and GoRouter for seamless navigation. The app is designed with scalability, performance, and maintainability in mind, adhering to clean architecture principles.

Covered by NDA
Flutter
2025 – Present
Cross-platform IoT caregiver monitoring app (iOS & Android) — a white-label mobile client for remote care. Caregivers and installers set up in-home sensor networks, watch live activity, and review trends. Product and client names are omitted because of an NDA.
Stack: Flutter / Dart, MVVM with Riverpod, Freezed models, Dio + Retrofit REST, WebSockets for live updates. Local data in Drift on SQLCipher. Auth via OAuth/SSO (including Cognito), tokens in secure storage. Firebase Analytics, Crashlytics, Remote Config, and Cloud Messaging. Native iOS/Android through Pigeon, including home-screen widgets.
What the app covers:
Bluetooth LE discovery and setup of sensor hubs and motion tags
Wi-Fi provisioning of ESP devices (Espressif provisioning libraries, forked on iOS and Android)

SKILLS

Swift **Flutter**

Objective c **Figma**

React Native **UI/UX**

TypeScript **Git**

Frameworks: AVFoundation, CoreData, CoreLocation, MapKit, UIKit, SwiftUI

Other: MacOS, Windows, Xcode, VSCode, Scrum

Android Kotlin — *Learning*

Dart **UIKit** **SwiftUI**

Bluetooth LE **Cursor AI**

Claude

OTA firmware updates for hubs and sensors, including installer progress flows
Live dashboard over WebSocket, plus offline trend and activity computation and charts
Multi-tenant white-label builds, feature flags, localization, and role-based access (caregiver, installer, technician)
Push notifications, QR scanning, maps and location for site setup, and encrypted on-device storage

Covered by NDA
AR Real Estate Info Viewer (PoC) - Swift, ARKit
2020
Developed a proof-of-concept iOS application using ARKit that overlays real-time information (such as name, description, and price) on buildings viewed through the device camera. The app identifies buildings based on the user's geolocation and displays contextual data within the augmented reality environment.

Covered by NDA
Swift / Objective c
Small commercial applications that have native authentication part and web view.

Covered by NDA
Swift
Application for buying / selling cars (In this application user has the ability to create ads for selling cars, also to search for the appropriate car by different filters).

Covered by NDA
Objective c
Application for transferring cars through the state. This application works in offline mode.

Covered by NDA
Swift
Application for ski resort employees. This application has multiple purposes. It can be used for recording tracks and POIs(ski lifts, car parking, ski pass shops, etc...), receiving assignments from administrators and sending reports back. Additionally this application has a ticketing control via QR reader. (Works in offline mode)

Covered by NDA
Objective c
The system is intended for all organisations which have tracks, like mountain resorts, ski resorts, hiking and other resorts. Besides resorts, the system is intended for the general public that visits resorts and would like to use the system to get around tracks, use them and eventually leave reviews or reports about problems. (Works in offline mode)

Covered by NDA

Swift / SwiftUI

I developed an iOS app for tracking packages, providing users with real-time updates on their shipments, delivery status, and estimated arrival times.

Covered by NDA

Integrating React Native with existing iOS native project.

Other

Familiar with deploying applications, clean architecture and MVC, MVP, MVVM, CLEAN patterns.

Covered by NDA

Swift

2025 – 2026

A native iOS app for connecting to and managing multiple wireless microphones over Bluetooth, with recording, real-time monitoring, and full microphone configuration.

01

Bluetooth device communication

Worked on Bluetooth communication and hardware integration, so users can connect to and manage multiple wireless microphones.

02

Recording and monitoring

Implemented audio recording, real-time monitoring, and switching between recording modes.

03

Microphone configuration

Built microphone configuration features, including gain adjustment, audio equalizer settings, and LED control.

04

Interface

Developed an intuitive UI for managing professional audio recording workflows across several devices at once.