

📍 Katowice
☎ +48 510 509 533
✉ artur@gurgul.pro
🌐 in/artur-gurgul
🌐 https://artur.gurgul.pro

SKILLS

IOS & MOBILE

Swift SwiftUI UIKit Combine
CoreData RxSwift Objective-C
CoreAnimation CoreBluetooth
KMP React Native

ARCHITECTURE

MVVM MVVM-C MVP

TOOLING

CocoaPods Git CI/Jenkins
Fastlane SPM Jira

PRACTICES

Agile (Scrum/Kanban)
Risk Assessment

OTHER

macOS Linux ESP32
FreeRTOS

EDUCATION

Bachelor of Science

PWSZ, Tarnów
Information Technology

LANGUAGES

Polish Native
English B2

Artur Gurgul

SENIOR SOFTWARE ENGINEER

PROFILE

Senior software engineer with 15+ years building and shipping mobile applications across banking, streaming (VOD/tvOS), healthcare, EV mobility, and enterprise. Deep expertise in Swift, SwiftUI, UIKit, Combine, and modular MVVM architectures, complemented by cross-platform work (React Native, Kotlin Multiplatform) and BLE/CoreBluetooth. Increasingly focused on IoT, with hands-on experience programming Espressif (ESP32) devices.

EXPERIENCE

Software Engineer (Contract)

September 2024 – Present

Gurgul-PRO (Self-Employed) 📍 Katowice

■ Digital therapeutics platform (SaMD)

Built an AI-driven React Native platform — a Software as a Medical Device (SaMD) — for patients living with dementia. Led mobile security and regulatory hardening — biometric app-lock, SSL certificate pinning, root/jailbreak and device-integrity (Play Integrity) detection, code obfuscation, and a migration to secure Keychain storage, plus regulatory compliance work (IEC 62304, V&V evidence, and TÜV audit packaging). Also built accessible custom keyboards and contributed to risk assessment.

USED React Native · iOS · Android · Biometric Auth · SSL Pinning · Play Integrity · IEC 62304 · AWS

■ Connected drug-delivery companion app

Implemented a React Native Turbo Module for local notifications and verified correct behavior on the iOS side, covering low-battery alerts from a connected injection device and injection reminders.

USED Swift · BLE · CoreBluetooth · RN Turbo Modules · Local Notifications

■ ING Bank

Rewrote the transport ticketing module of the Moje ING app from a UIKit/MVP implementation to a fully SwiftUI one, reusing another team's shared SwiftUI components for consistency and maintainability.

USED MVVM · SwiftUI · Combine · Design System · Fastlane

■ IDEMIA

Contributed to the reference implementation of Wallet, integrating the NFC module for Discover. Collaborated with the Android team to design a shared Kotlin Multiplatform (KMP) interface and diagnosed cross-platform issues at the Kotlin-to-Swift boundary.

USED Kotlin Multiplatform

iOS / tvOS Developer

November 2022 – August 2024

Redge Technologies Sp. z o.o. 📍 Remote / Katowice

Developed and maintained a tvOS VOD platform across the TVP VOD, Go3, and CKF Warszawa apps. Worked in Git Flow with a strong emphasis on code quality and constructive peer review.

USED MVVM-C · UIKit · Swift · Jira · CocoaPods · SPM · Kanban · Combine

iOS Developer

July 2022 – November 2022

Alten 📍 Remote / Katowice

Maintained and fixed bugs in NatWest's iOS banking app, built on Backbase's complex, multi-team enterprise architecture.

USED UIKit · Swift · Jira · CocoaPods · JFrog · Scrum

iOS Developer

April 2017 – June 2022

Vattenfall 📍 Katowice

Built features and fixed bugs for an innovative EV-charging app. Modernized the original Objective-C/UIKit codebase, introducing SwiftUI and Combine to improve the architecture. Also created an internal parking-booking tool, designing and implementing its API in Node.js on Azure.

USED Azure DevOps · MVVM · RxSwift/Combine · Scrum · CocoaPods · Node.js · SwiftUI · Azure · Firebase

iOS Developer

May 2016 – October 2016

RST IT 📍 Wrocław

Developed Zbooni, a social-commerce app for sellers operating through platforms like Facebook. Delivered to client specification in an Agile process with continuous feedback.

USED Jira · MVVM · RxSwift · Kanban · CocoaPods

iOS Developer

December 2013 – November 2015

SMSgrupp 📍 Stockholm

Maintained and released Supertext, an SMS messaging product, and migrated the codebase from Objective-C to Swift. Helped shape product direction and planned sprints around the functionality most valuable to users.

USED CoreAnimation · MagicalRecord · CI/Jenkins · Jira · MVVM · Scrum · CocoaPods

iOS Developer

March 2013 – November 2013

Railwaymen 📍 Kraków

Designed the architecture and implemented the core functionality of SportsBee, a social network for sports fans. Co-developed a reusable data-syncing framework adopted across the company's iOS projects.

USED UIKit

iOS Developer

December 2011 – March 2013

inFullMobile 📍 Warszawa

■ Demos for the banking industry

Built and maintained a range of banking-industry demos from a single shared codebase.

■ DLD Magazine

Implemented a custom interactive calendar.

USED UIKit · Objective-C/C++

iOS Developer

November 2011 – December 2011

TouchingIT 📍 Wojnicz

■ CameraPixo

Optimized the photo-gallery performance.

■ N TV

Built an electronic program guide (EPG) for iPad.

USED UIKit

iOS Developer

March 2011 – September 2011

Altconnect 📍 Tarnów

Built an iOS content-management framework that consolidated reusable tools, controllers, views, and libraries, enabling faster and more affordable delivery of client apps.

USED UIKit · Objective-C/C++