Tomasz Iwaszek

Senior iOS Developer

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+48 784 077 040

https://iosdevblog.com
https://github.com/wachus77

ABOUT ME

I strive for perfection in every area of life, at work, family life and passion. So my character is best described by the following motto „Success is the result of perfection, hard work, learning from failure, loyalty, and persistence"

At the age of fourteen, I started my adventure by creating websites using HTML, PHP, MySQL. During my studies, I was absorbed by the mobile world. First, a short programming period for the Android platform, later (2015) I got a job offer as an iOS Developer, when I started, I knew I would stay there for a long time.

SKILLS

▶ Languages/Frameworks: Swift, Objective-C, UIKit, SwiftUI, Dart (initial learning phase), Flutter (initial learning phase), Foundation, Combine, Cocoapods, Carthage, SPM, XCTest, KIF, SnapshotTests, Perfect Swift Server Side, Firebase, MapKit, Google Maps, CoreLocation, Google Places, ArcGIS, Kingfisher, SnapKit, IOSSecuritySuite, CommonCrypto, Security framework, TrustKit, URLSession, JSON, JWT/JWE/JWS, UserNotifications, Deep linking, Universal links, In-App purchases, ApplePay, Braintree, Backbase SDK, iBeacon, AVFoundation, OSSSpeechKit

▶ Software/Tools: Xcode, Visual Studio Code, SourceTree, Git, Gitlab CI/ CD, Jenkins, Azure Devops, Github, Bitbucket, Confluence, Fastlane, Jira, Proxyman, Charles, ChatGPT, Copilot, MobSF, SwiftLint, SwiftFormat, SonarCloud, Bash, Testflight, AppCenter

▶ Testing: unit, ui, component, integration, performance, maintainability, test management, automation

▶ Databases: MySQL, Realm

▶ Operating Systems: macOS, iOS, watchOS

▶ Project Management: scrum, Kanban

LANGUAGES

▶ Polish – Native Speaker

▶ English – Upper-Intermediate (B2)

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EXPERIENCE

10/2022 – present

Deloitte Digital
Specialist Lead / Senior iOS Developer
Project: Tourist application which serves as a comprehensive guide for tourists who wish to explore the beautiful ALula region.
https://apps.apple.com/pl/app/experience-alula/id1487571928
Role and responsibilities:
- Specialist Lead - engaged in the development of application for the iOS platform,
- Technical team leader - supervising and coordinating the work in the iOS team, advising on the selection of appropriate tools, taking care of clean architecture,
- Mobile architect/leader - clarification of requirements, assistance in establishing acceptance criteria and technical advice in proposing solutions for the entire project, monitoring, coordinating tasks and progress regarding mobile stream.

Technologies: Swift, Combine, UIKit, MVVM/C, Xcode, SPM, Cocoapods, XCTest, SwiftLint, SwiftFormat, Git, Azure DevOps, Fastlane, Bash, SSL Pinning, Compositional Layouts, Diffable Source Data, Proxyman, Firebase, Testflight, Google Maps, ArcGIS, Unity SDK, Kingfisher, SnapKit, IOSSecuritySuite

10/2022 – present

Deloitte Digital
iOS Stream Leader / Specialist Lead
Project: Non-project activity.
Role and responsibilities:
- Building/Coordinating the native iOS path in the company as a stream leader,
- Participation in offering,
- Technical analysis of potential project bids,
- Acting as a mentor and coach for other team members,
- Engaged in testing and researching topics related to artificial intelligence (ChatGPT, Copilot).

06/2023 – present

Soluty (personal sole proprietorship)
Senior iOS Developer / Product Owner
Project: A language learning application offering 3 modes of study (conversation, important vocabulary, word association game).
Role and responsibilities:
- own product,
- design and development of the entire application.

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Technologies: Xcode, SourceTree, Git, Swift, SwiftUI, Combine, ChatGPT API, Foundation, URLSession, XCTest, UserNotifications, In-App purchases, SPM, Swiftlint, Realm, OSSSpeechKit.

06/2023 – present

Soluty (personal sole proprietorship)
Senior iOS Developer / Product Owner
Project: An application for managing/monitoring daily work-related tasks.
Role and responsibilities:
- own product,
- design and development of the entire application.

Technologies: Xcode, SourceTree, Git, Swift, SwiftUI, Combine, ChatGPT API, Foundation, URLSession, XCTest, UserNotifications, SPM, Swiftlint, Realm, OSSSpeechKit.

6/2021 – 10/2022

ONWELO SA / BACKBASE
Senior iOS Developer
Project: Banking application – major retail and commercial bank in the United Kingdom
Role and responsibilities:
- cooperating with business analysts and clarification of requirements,
- working in an international environment and being a part of the Scrum team,
- troubleshooting and bug fixing,
- unit testing preparation,
- creation of integration with the SonarCloud platform (analysis of the project for bugs, vulnerabilities, security hotspots, code smells),
- implementation of technical debt tasks (code quality improvement),
- implementation of enhancements in many areas, application flows: Identity (user authentication, enrolment flow), open banking (PISP/AISP/CBPII), payment transactions, products overview, card management etc.

Technologies: Swift, UIKit, Xcode, Cocoapods, XCTest, MobSF, SwiftLint, SwiftFormat, Git, BitBucket, Jenkins, Fastlane, Bash, JIRA, Confluence, URLSession, SSL Pinning, Charles proxy, Backbase SDK, BioCatchSDK, SonarCloud, Firebase, AppCenter

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11/2020 – 5/2021	**PGS Software S.A**

Senior iOS Developer / Tech Lead

Project: 3DS SDK (additional payment authorization)
Role and responsibilities:
- technical team leader,
- implementation of basic functionalities,
- implementation of a secure information exchange channel - encryption with RSA / EC / AES algorithms,
- compliance with the requirements of OWASP, EMVCo and PCI,
- emphasis on test automation (unit tests, snapshots, integration tests),
- improving continuous integration and delivery,
- working in Kanban methodology,
- business contact with the client,
- code reviews,

- maintenance of domain knowledge.

Technologies: Swift, UIKit, Xcode, Cocoapods, Carthage, XCTest, Test Plans, KIF, SnapshotTesting, MobSF, MVVM/C, SwiftLint, SwiftFormat, JWT/JWE/JWS, Git, GitLab CI/CD, Fastlane, Bash, JIRA, Confluence, CommonCrypto, Security framework, URLSession.

5/2020 – 5/2021	**PGS Software S.A**

Senior iOS Developer / Tech Lead

Project: Payment SDK for processing in-app payments using credit cards details or Apple Pay.
https://gitlab.com/trustpayments-public/mobile-sdk/ios/-/graphs/master?ref_type=heads
Role and responsibilities:
- technical team leader,

- from the very beginning responsible for the selection of design patterns, architecture and for ensuring an appropriate level of SDK security,
- writing code that is testable on all test-pyramid levels,
- exposing public API to Swift and ObjectiveC,
- working in Scrum methodology, delivering new features every two weeks,
- business contact with the client,
- code reviews with occasional pair programming,
- CI/CD enhancements and features.
Technologies: Swift, UIKit, ObjectiveC, Xcode, Cocoapods, Carthage, XCTest, Test Plans, KIF, SnapshotTesting, MobSF, SSL Pinning (TrustKit),

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ApplePay, MVVM/C, SwiftLint, JWT, Git, GitFlow, GitLab CI, Fastlane, Cardinal Commerce, Bash, JIRA, Confluence, URLSession.

9/2019 – 5/2020

Soluty (personal sole proprietorship)

Senior iOS Developer / Product Owner

Project: Tourist application for discovering your favorite places. The function of keeping a tourist log, calculating routes and collecting badges.

Role and responsibilities:
- own product,
- design and development of the entire application.

Technologies: Xcode, SourceTree, Git, Jira, Swift, UIKit, Foundation, CoreAnimation, CoreGraphics, CoreLocation, URLSession, MapKit, XCTest, UserNotifications, Notification Service Extension, Notification Content Extension, Today Extension (widget), In-App purchases, Compositional Layouts, Diffable Source Data, MVVM, Application Coordinator, Carthage, CocoaPods, Firebase, cocoapods-keys, Swiftlint, Kingfisher, Hero, FloatingPanel, Cluster, Realm, AdMob.

11/2018 – 11/2020

Matchusolutions Sp. z o. o.

Senior iOS Developer

Project: It's a Berlin-based, award winning startup. With the applications, the user can operate the coffee machine or sign up for urban coffee club, find an outlet and have a cup of coffee.

Role and responsibilities:
- cooperation with German company,
- implementation of two iOS applications on their behalf,
- managing app signing and profiles,
- distributing application to the App Store.

Technologies: Xcode, SourceTree, Git, Jira, Swift, UIKit, Foundation, CoreAnimation, CoreGraphics, CoreLocation, UserNotifications, MVP, Alamofire, Swiftlint, VimeoNetworking, SDWebImage, Vox, Fabric, TestFlight, Google Maps, Google Places

9/2018 – 10/2020

Matchusolutions Sp. z o. o.

Senior iOS Developer / Product Owner

Project: Water reminder app.

Role and responsibilities:
- own product,
- a large share in the creation of mobile application.

Technologies: Xcode, SourceTree, Git, Trello, Swift, UIKit, Foundation, CoreAnimation, CoreGraphics, MVP, Lottie, Swiftlint.

4/2018 – 08/2018

Matchusolutions Sp. z o. o.

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Senior iOS Developer / Backend Developer / Product Owner

Project: Application for booking visits to a wide range of beauty and health professionals.

Role and responsibilities:
- own product,
- in addition to creating a mobile application I created a whole backend with a website and administration panel.

Technologies: Xcode, SourceTree, Git, Trello, Swift, UIKit, Foundation, MVP, Alamofire, SwiftyJson, CoreLocation, Verne MQTT, Lottie, Perfect Swift Server Side, Swiftlint.

11/2017 – 06/2019

Matchusolutions Sp. z o. o.

Senior iOS Developer / Backend Developer / Product Owner

Project: Photo quiz game.

Role and responsibilities:
- own product,
- in addition to creating a mobile application I created a whole backend with a website and administration panel.

Technologies: Xcode, SourceTree, Git, Trello, Swift, UIKit, Foundation, MVP, Alamofire, SwiftyJson, Realm, Firebase, In-app purchases, AdColony, Lottie, Perfect Swift Server Side, Swiflint

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7/2019 – 09/2019

Concise Software International

Senior iOS Developer

Project: SDK which enables purchases from urban fulfillment centers enabling accessible same-day delivery for e-commerce brands.

Role and responsibilities:
- continuously adding new functionalities.

Technologies: Xcode, SourceTree, Git, Jira, Swift, UIKit, Foundation, URLSession, MVVM, Carthage, XCTest, Google Analytics

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6/2019 – 08/2019

Concise Software International

Senior iOS Developer

Project: App which allows music fans the chance to win tickets, merchandise and meet & greets with their favourite music artists through playing a fun and addictive candy crush style games.

Role and responsibilities:
- continuously adding new functionalities.

Technologies: Xcode, SourceTree, Git, Jira, Swift, UIKit, Foundation, URLSession, UserNotifications, MVVM, Application Coordinator, Carthage, Firebase, Fabric, XCTest, cocoapods-keys

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6/2019 – 08/2019

Concise Software International

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Project: An online educational platform, where people can teach, learn, meet new people and sometimes even fall in love.

Role and responsibilities:
- added integration with the Intercom - customer messaging platform,
- improvements in the profile creation process.

Technologies: Xcode, SourceTree, Git, Jira, Swift, UIKit, Foundation, URLSession, MVVM, Application Coordinator, Carthage, Firebase, Fabric, Realm, Quick, Nimble, lottie-ios, intercom-ios, cocoapods-keys

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2/2019 – 5/2019

Concise Software International

Tech Lead

Project: Video streaming application.

Role and responsibilities:
- technical team leader,
- responsible for the selection of design patterns, architecture,

- code review,
- creation of the CI, CD process.

Technologies: Xcode, SourceTree, Git, Jira, Swift, Objective-C, UIKit, Foundation, MVP, Application Coordinator, Jenkins, Fastlane, GStreamer

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10/2018 – 8/2019

Concise Software International

Senior iOS Developer / Tech Lead

Project: App was designed to enhance the fan experience with access to exclusive content and get involved in the world of the German bundesliga football team.

Role and responsibilities:
- technical team leader,
- a large share in the creation of the application,
- responsible for the selection of design patterns, architecture,

- creation of the CI, CD process,
- code review.

Technologies: Xcode, SourceTree, Git, Jira, Charles, Swift, UIKit, Foundation, MVP, CocoaPods, Alamofire, SwiftyJson, Testflight, Fabric, Firebase, Jenkins, Fastlane, Apns, Cryptoswift, iBeacon

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8/2018 – 9/2019

Concise Software International

Senior iOS Developer

Project: Application for electric car mobile charging system, where user can find charging spots, see charging spots and consumption.

Role and responsibilities:
- continuously adding new functionalities,

I agree to the processing of my personal data included in the recruitment application for the recruitment purposes.

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- redesign - a new user interface has been created.

Technologies: Xcode, SourceTree, Git, Jira, Charles, Swift, UIKit, Foundation, MapKit, CoreLocation, CoreAnimation, CoreGraphics, MVP, CocoaPods, Alamofire, SwiftyJson, Fabric, WebKit, Google Maps, AVFoundation, Firebase

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7/2018 – 11/2018

Concise Software International

iOS Developer

Project: Application to invite friends to various cultural and social events.

Role and responsibilities:

- a large share in the creation of the application.

Technologies: Xcode, SourceTree, Git, Jira, Charles, Swift, UIKit, Foundation, MVP, CocoaPods, Alamofire, Testflight, Firebase, Apns, Jenkins, Fastlane, SDWebImage, DeepLinkKit, Google Places, RSKImageCropper

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5/2015 – 6/2018

Concise Software International

iOS Developer

Project: Food ordering app. One of the most popular on UK market. Used by tens of thousands users a day.

Role and responsibilities:

- continuously adding a new functionalities,
- a large share in the creation of a new version of the application,
- attendance at refinements and estimations with customers,
- code review.

Technologies: Xcode, SourceTree, Git, Jira, Charles, Postman, Swift, Objective-C, UIKit, Foundation, MapKit, CoreLocation, CoreAnimation, CoreGraphics, MVP, CocoaPods, Alamofire, SwiftyJson, Facebook, Adjust, Braintree, Firebase, Apns, Google Analytics, Google Places, Testflight, Fabric, DeepLinkKit, WebKit, SDWebImage

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2/2019 – 11/2019

Additional activity after hours

iOS Developer

Project: Creation of public SDKs:

https://github.com/wachus77/TIFormInputView - Extended input view for the form with additional validation (step-by-step) and error handling.

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https://github.com/wachus77/TIUpDownSwipe - This is a library thanks to which it is possible to set navigation between three controllers on a swipe gesture - up and down, with the animation of changing the navigation arrow and smooth transition of the background colors of the view controllers.

1/2020 – present	**iOS Dev Blog** Blogger **Project:** https://iosdevblog.com/ Personal blog about creating mobile applications and security aspects. **Technologies:** Wordpress

1/2014 – present	**Travel portal wyjade.pl** Co-creator **Project:** https://wyjade.pl Collaboration in creating, managing and developing the travel portal.

09/2023	**HackYeah conference** Presenter **Topic:** SwiftUI - Is It Time? I had the pleasure of being a speaker at HackYeah (the biggest stationary hackathon in Europe). Here you can find an article with a summary of my presentation: https://iosdevblog.com/2023/10/10/swiftui-is-it-time/

EDUCATION

2010 – 2014	**Politechnika Rzeszowska, Poland** **Faculty:** Specialty Systems Engineering **Field:** Computer Engineering **Degree:** Engineer's Degree

2014 – 2015	**Politechnika Rzeszowska, Poland** **Faculty:** Specialty Informatics Systems Engineer **Field:** Computer Engineering **Degree:** Master's Degree