

PATRYK MÓL



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S U M M A R Y

With over 12 years of experience I have been focusing on building and designing scalable apps for all team sizes. During that time I also had chance to design and implement security-related features for banking and medical sectors for German market. I'm always eager to find new solutions and learn new things.

S K I L L S

- Programming Languages & Frameworks:
Swift, SwiftUI, Combine, RxSwift, Async/await, Actors, Swift Concurrency, MapKit, Google Maps SDK, UIKit, CoreData, CoreLocation, Objective-C, Kotlin, Kotlin Multiplatform, Alamofire
- Architectural Patterns:
MVVM, MVVM-C, The Composable Architecture (TCA), Flux, Redux, MVC, REST, RESTful
- Testing & Quality Assurance:
Unit Tests, Snapshot Tests, UI Tests, TDD, XCTest, OCMock, SwiftyMocky, Quick, Nimble
- Tools & Workflows:
Xcode, Git, GitHub, GitHub Actions, SwiftGen, Bitrise, Jenkins, Bash, Fastlane, Firebase, Swift Package Manager (SPM), CocoaPods, OCMock, Tuist, SwiftLint, AppsFlyer, Needle,
- Soft Skills:
Problem-Solving, Debugging, Technical Analysis, Architecture Design, Code Reviewing, Team Collaboration, Pair programming, Mentoring, Leadership

W O R K E X P E R I E N C E

Senior iOS Developer | Alten Polska, <https://www.altenpolska.pl/> (08/2025) – present

- Migrated UI components from UIKit/SwiftUI to KMP/CMP, improving cross-platform compatibility and developer productivity by unifying codebases.
- Converted Swift codebase to Kotlin using KMP, reducing technical debt and eliminating duplicate implementations.
- Standardized design systems to maintain visual consistency across legacy and modern UI components.
- Managed CI/CD pipelines on Jenkins, automating builds and deployments to accelerate release cycles.
- Ensured app stability by implementing unit tests, snapshot tests and UI tests using TDD methodology.

Senior iOS Developer | Applandeo, <https://applandeo.com/>

(01/2023) – (07/2025)

- Modernized architecture by refactoring from MVC/Flux to The Composable Architecture (TCA), enhancing code maintainability and scalability.
- Standardized reusable components by extracting shared logic into Swift Package Manager (SPM) packages, reducing code duplication and improving maintainability.
- Minimized merge conflicts by leading an initiative to integrate Tuist, streamlining dependency management and CI/CD workflows.
- Migrated UI components from UIKit to SwiftUI, enhancing cross-platform compatibility and developer productivity.
- Boosted app stability by implementing unit tests and snapshot tests, reducing critical bugs by 40%.
- Managed CI/CD pipelines on GitHub Actions, automating builds and deployments for faster release cycles.
- Ensured app stability by implementing unit tests, snapshot tests and UI tests using TDD methodology.

Senior iOS Developer | Smartpatient, <https://www.mytherapyapp.com/>

(12/2022) – (07/2021)

- Refactored navigation architecture across screens and features in MyTherapy, improving user experience and code maintainability.
- Enhanced deep linking functionality by refactoring implementation, ensuring seamless user transitions.
- Improved team collaboration by modularizing features into Swift Package Manager (SPM) packages, reducing dependencies and streamlining development.
- Standardized dependency injection across the project, increasing code reusability and reducing technical debt.
- Managed CI/CD pipelines on Bitrise, automating builds and deployments for faster release cycles.
- Maintained Tuist setup to mitigate merge conflicts in pull requests.
- Took part in pair programming sessions, mentoring and onboarding sessions.

Senior iOS Developer | Innoopract, <https://innoopract.com/>

(06/2021) – (06/2015)

- Enhanced security by implementing code signing for JavaScript source files in the 1822direkt banking app, ensuring compliance, data security and integrity.
- Developed biometric signature capture system for Thieme Group, securely storing signature data within PDF files with encryption.
- Strengthened security framework for Tabris.js, implementing features like secure storage for sensitive data, true random number generation, and certificate pinning.
- Optimized performance by improving typed array copying speed between native and JavaScript by 20x, enhancing application responsiveness.
- Managed CI/CD pipelines on Jenkins, automating builds and deployments for efficient release cycles.
- Modernized codebase by migrating legacy Objective-C to Swift, improving maintainability and performance.
- Writing documentation and tutorials for developers using Tabris.js.
- Took part in pair programming sessions, mentoring and onboarding sessions.
- Engaging with Tabris.js developers community and providing technical support to it.
- Ensured framework stability using unit tests and TDD approach.

iOS Developer | Sirocco, <https://www.sirocco.eu/>

(07/2013) – (06/2015)

- Integrated PlayReady DRM solution by Irdeto, ensuring secure content delivery and compliance with digital rights management standards.
- Developed internal HTTP reverse proxy for video streaming, optimizing performance and enhancing content accessibility.

E D U C A T I O N

Dispersed Team Management Certification | EY Academy of Business (2023)

Master's Degree | Military University of Technology (2014-2015)

Engineer's Degree | Military University of Technology (2010-2014)

L A N G U A G E S

Polish – Native

English – C1