



# Dmitry Bespalov

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Engineering manager / tech lead for mobile with 10+ years of experience building and scaling iOS products across e-commerce, fintech, and Web3. Strong track record in 0 → 1 delivery, cross-platform technical leadership, mobile architecture, performance and quality improvements, and execution with product, design, data, and backend teams. Hands-on in Swift and system design, with experience leading iOS and Android engineers, hiring and coaching teams, and shipping high-impact mobile products in fast-growing environments. Co-authored WalletConnectSwift (v1).

## Core Strengths

- Engineering leadership
- iOS architecture
- Swift/Kotlin/Python/Rust
- Cross-platform team leadership
- 0→1 product delivery
- Hiring and mentoring
- Performance optimization
- Quality software engineering
- Analytics and observability
- Backend-driven UI
- Fintech / Web3 / wallets
- Product strategy partnership

## Experience

### Senior Engineer, Trade Republic

Apr 2025 - Present

- Own key iOS onboarding initiatives in a regulated fintech environment, driving architecture, quality, and cross-functional delivery.
- Led document upload and verification UX end-to-end, improving observability through logging and metrics to reduce onboarding friction and debugging time.
- Defined onboarding funnel tracking with mParticle and partnered with Data to ship Metabase dashboards used in weekly health and conversion reviews.
- Drove developer productivity initiatives including build caching and binary freezing to improve feedback loops and engineering efficiency.
- Built a UI test mocking helper to increase automated coverage and shorten testing cycles.
- Contributed to onboarding-related product delivery including child savings account flows, internal tooling, and account recovery capabilities for the iOS app.

## Sr. Software Engineer → Team Lead → Tech Lead    Feb 2018 - Oct 2024

### Gnosis / Safe

- Joined Gnosis / Safe at an early stage and helped scale the mobile product from inception into a mature, high-impact business line.
- Drove the 0→1 launch of the iOS wallet app, defining architecture, bootstrapping the project, and leading development through App Store release in 3 months.
- Built in a technically demanding Web3 environment involving cryptography, smart contracts, wallet infrastructure, and low-level blockchain interactions, often without mature ecosystem libraries.
- Contributed to product strategy and roadmap, helping shape the initial mobile offering into a professional-grade product with clearer user value and stronger market fit.
- Helped design and deliver an early relayer-based solution for contract deployment and wallet onboarding, significantly improving UX and anticipating a pattern that later became standard in the industry.
- Led the rewrite of the mobile application from scratch as product direction evolved from retail-focused users toward business and professional-user use cases.
- Set technical direction and delivery cadence across iOS and Android, leading cross-platform execution and establishing engineering standards and shared practices.
- Partnered with product, design, security, and customer-facing teams to define roadmap, scope releases, and manage trade-offs.
- Owned hiring, onboarding, performance feedback, and day-to-day people management; coached engineers across platforms and enabled Android-to-iOS transitions.
- Grew mobile into a meaningful part of the product business: apps contributed 41% of swap volume, 26% of TVL, and 32% of TVP.
- Co-authored WalletConnectSwift (v1), helping establish a widely used iOS library for wallet-to-wallet and wallet-to-app communication.
- Represented the mobile team internally and externally through conferences, podcasts, and community-facing activities.

## Sr. Software Engineer, Zalando

Dec 2013 - Jan 2018

- Joined the flagship iOS app during its final release stage and contributed to stabilization and launch readiness.
- Fixed a complex price display bug using test-driven development (TDD) and introduced TDD practices to the team.

- Refactored pricing and layout logic for a multi-market fashion retail app supporting multiple currencies, discount formats, item types, and European market edge cases.
- Identified misuse and over-complexity in the app's data layer and proposed a transition from database-backed storage to file-based storage, reducing code complexity and improving performance.
- Led an app-wide refactoring that removed a major class of Objective-C delegate-related crashes, improving crash-free usage to 99.3-99.5% in key releases.
- Reduced app startup and build times by 40% and reduced app size by more than 50% through dependency reduction, linking improvements, and build system optimization.
- Worked on Shop the Look, an image-based discovery feature that received external media coverage, including German news coverage.
- Recognized the performance and UX limitations of heavy WebView usage and initiated the move toward what is now commonly called backend-driven UI.
- Defined a server-driven layout/data format and led early delivery of native-rendered dynamic content in collaboration with multiple teams.
- Built analytics testing infrastructure by creating a DSL and interpreter for automated analytics validation, reducing manual QA effort and improving data correctness.
- Mentored engineers and helped strengthen collaboration across iOS, backend, and design.
- Played an active role in hiring during Zalando's rapid growth and received internal recognition for interview volume and hiring contribution.
- Represented Zalando at mobile community events including Mobile Quality, HelsinkiOS Meetup, and Zalando Mobile First Day.

## Education

### **Rochester Institute of Technology**

Master of Science, Computer Science · (2010 - 2013)

### **Kazan State Technical University**

Specialist, Applied Computer Science in Economics · (2005 - 2010)