

# Eugene Shuvagin

Senior Android Developer

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## PROFESSIONAL SUMMARY

Senior Android Developer with 5+ years of experience building high-performance mobile applications. Led development of FaceShot SDK deployed across T-Bank's ecosystem reaching 10M+ users, achieving 100% production rollout. Expert in Kotlin (85% of projects), Jetpack Compose, and modern Android architecture with proven track record of reducing crash rates by 80% and improving app performance by 50%. Currently migrating SDK to Kotlin Multiplatform (KMP) for cross-platform deployment.

## TECHNICAL SKILLS

**Programming Languages:** Kotlin (Expert), Java (Advanced), C++ (Intermediate), XML, SQL

**Android Development:** Android SDK, Jetpack Compose, Material Design 3, Navigation Component, Room Database, WorkManager, CameraX, ML Kit

**Architecture & Patterns:** MVVM, Clean Architecture, MVI, Dependency Injection (Hilt/Dagger 2), Repository Pattern, Kotlin Multiplatform (KMP)

**Libraries & Frameworks:** Kotlin Coroutines & Flow, Retrofit2, OkHttp, Firebase, RxJava2, Glide/Coil, ExoPlayer, WebSocket

**Tools & DevOps:** Git, Gradle (Kotlin DSL), Jenkins, Docker, ProGuard/R8, Firebase Crashlytics, CI/CD, Maven

**Testing:** JUnit5, Espresso, Mockito, Robolectric, UI Automator, Test Coverage 85%+

**Cloud & APIs:** RESTful APIs, GraphQL, WebSocket, AWS, Google Cloud Platform, CryptoPro FSB Integration

## PROFESSIONAL EXPERIENCE

### Senior Android Developer | T-Bank (Tinkoff) | Moscow, Russia (Remote)

*May 2024 – Present*

- Architected FaceShot SDK for biometric verification across T-Bank's ecosystem (banking app, SME platform, investment app, POS terminals), achieving 100% production deployment and processing 500K+ daily verifications with 99.9% uptime
- Implemented zero-dependency WebSocket solution bridging mobile and web ecosystems, increasing identified user flows by 100% and reducing authentication time by 35%
- Optimized ML model inference by benchmarking MLKit vs TFLite vs ONNX engines, achieving 40% faster face detection while reducing SDK size by 25% through dynamic model updates
- Led migration to Kotlin Multiplatform (KMP) for cross-platform deployment, enabling code sharing between Android, iOS, and C++ banking kiosks, reducing development time by 45%
- Integrated CryptoPro for FSB-compliant biometric authentication with AES-256 encryption and digital signatures, meeting government security standards
- Mentored 3 junior developers in Kotlin best practices and modern Android architecture, improving team code quality metrics by 30%

### Android Developer | Kufar | Minsk, Belarus

*March 2022 – May 2024*

- Developed paid promotion services with complex user flows, generating \$2M+ additional revenue in first year and increasing user engagement by 40%
- Migrated payment system from WebView to native implementation using Kotlin Coroutines, reducing transaction failures by 60% and improving checkout conversion by 35%
- Reduced app crash rate from 5% to 2% (98% crash-free sessions) through comprehensive error handling and Firebase Crashlytics integration, improving Play Store rating from 3.8 to 4.5
- Accelerated build time by 30% through Gradle optimization, Kotlin DSL migration, and Version Catalog implementation, saving 2+ hours daily for the team
- Increased test coverage from 28% to 34% by implementing comprehensive unit and UI tests, reducing production bugs by 45%

- Led A/B/C testing experiments across the app, optimizing user flows and increasing DAU by 25% through data-driven decisions

## Android Developer | VironIT | Minsk, Belarus

*September 2019 – March 2022*

- Developed features for Turkish messenger "BIP" with 10M+ downloads, implementing real-time messaging using WebSocket, supporting 50K concurrent users
- Improved app performance by reducing launch time by 20% and ANR rate from 8% to 3% through code optimization and background task management
- Migrated legacy Java codebase (60K+ lines) to Kotlin, reducing code size by 30% and improving maintainability
- Implemented YouTube video Picture-in-Picture mode, increasing user session duration by 35% and improving user retention
- Mentored 50+ interns through company internship program, with 20% receiving full-time offers

## KEY PROJECTS & ACHIEVEMENTS

- **FaceShot SDK (T-Bank):** Production-ready biometric verification SDK with 99.9% uptime, processing 500K+ daily verifications across multiple platforms
- **Marketplace Platform (Kufar):** Led development of features serving 2M+ MAU with 4.5-star Play Store rating and 98% crash-free sessions
- **Real-time Messaging (BIP):** Architected chat features supporting 50K concurrent users with sub-100ms message delivery latency
- **Open Source Contributions:** Active [StackOverflow](#) contributor with 10,000+ people helped, top 10% overall contributor
- **Technical Writing:** Published articles on [Medium](#) and [Habr](#) sharing Android development best practices with the community

## EDUCATION & CERTIFICATIONS

**Bachelor of Engineering** | Belarusian State University of Informatics and Radioelectronics  
*2015 – 2019*

### Certifications:

- Google Associate Android Developer (In Progress)
- Kotlin for Android Development - JetBrains
- Android Architecture Components - Google

## LANGUAGES

- English (Upper-Intermediate/B2)
- Russian (Native)
- Chinese (Intermediate/HSK 3)