Ozodbek Karimov

Middle Android Engineer

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Summary

With 3.5 years of expertise in the IT industry, specializing in developing enterprise solutions across tech and e-commerce platforms. Proficient in designing scalable, secure mobile applications, and optimizing performance in diverse operational environments.

Languages and Technologies

Languages: Java, Kotlin, SQLite, C#.

Technologies: Kotlin Coroutines, Flows, RxJava, Android SDK, Jetpack Compose, Architecture Components, HTML/CSS, Dagger 2, Dagger Hilt, Koin, Realm DB, Room DB, DataStore Preferences, Retrofit, Ktor, REST API, Socket.IO, Swagger, ProGuard/R8, Coil, Paging 3, Firebase, Android KeyStore, Google Maps, Android DeepLink/AppLink, KotlinX Serialization, Clean Architecture, OOP, SOLID Principles, Design Patterns, Architecture Patterns, Figma, Google Analytics, JUnit, Mockito, Espresso, Git/Github, Agile.

Experience

Domplan - *(Middle Android Engineer)*   **Tashkent, Uzbekistan** *Jan 2024 - May 2024*

- Optimized **Room DB** with indexing, batch operations, caching, and efficient query strategies, boosting data retrieval speed by 40%.
- Boosted RecyclerView performance by 2x through ViewHolder optimization, DiffUtil for data updates, and **Coil** for image loading, enhancing scrolling smoothness and reducing memory usage.
- Adopted **Clean Architecture** principles, enhancing code maintainability and cutting defect rates by 40% through clear separation of concerns across Data, Domain, and Presentation layers.
- Strengthened security twofold with **DataStore Preferences**, **Android KeyStore**, and **KotlinX Serialization**; bolstered reverse engineering defenses with anti-tampering measures and **R8**, reducing APK size by 3MB.
- Increased test coverage from 50% to 75% by implementing **unit**, **integration**, and **end-to-end** tests; improved code quality by removing flaky tests, which contributed to an additional $10,000 in revenue over 3 months for the stabilized app.
- Reduced network query frequency and enhanced data retrieval by 70%, implementing caching with Room and lazy loading with **Paging 3**.

Profex - *(Android Engineer)*   **Tashkent, Uzbekistan** *Feb 2022 - Jan 2024*

- Collaborated with a cross-functional team of 7 members: mobile, frontend, backend engineers, UI/UX designers, and QA testers.
- Enhanced **REST API** for mobile development by 10% through **Swagger** documentation and collaboration with backend engineers.
- Developed task management functionality using **Kotlin Flows** and **Socket.IO** for real-time updates, boosting user productivity by 30%.
- Engineered an advanced referral tracking system with Android **App Links** and **Firebase Dynamic Links**, enhancing referral accuracy and boosting customer acquisition by 25%, resulting in 10K new subscribers over 6 months.
- Raised the percentage of monthly crash-free users from 92% to 98.85% by using **Android SDK** debugging tools to resolve performance bottlenecks and Firebase Crashlytics for real-time error monitoring.

FootTech - *(Android Engineer)*   **Andijan, Uzbekistan** *Feb 2021 - Jan 2022*

- Led the migration from **Dagger Hilt** to **Koin** with the **MVVM** architecture pattern to reduce the legacy codebase by 40% and enhance Dependency management with DSL-based Kotlin-friendly code.
- Spearheaded response handling in the Domain layer for various network errors and generated user-friendly alerts in the Presentation layer, resulting in a 3x improvement in user experience (UX).
- Implemented asynchronous I/O operations using Kotlin Coroutines, enhancing app responsiveness by 10% and preventing future ANR issues.
- Reduced search latency by 35% by optimizing sport news search functionality using debouncing techniques with **Coroutine Jobs**.

Education

Vistula University   **BSc Computer Science** *Oct 2023 - Oct 2027*

Focus area on Algorithms and Data Structures, C#, SQL, Java, OOP, Software Engineering, Software Architecture.

Online Courses & Certifications & Languages

- Deep dive into Git (Mar 2022) - Udemy
- IELTS 6.5 (Jun 2021)
- **English**: B2, **Uzbek**: Native