ALINA ZHUYKOVA

Native Android Developer (Kotlin) | IS Engineer

CONTACTS

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GitHub
github.com/zhuykovochka

Location
St. Petersburg, Russia

TECHNICAL STACK

Android:

Kotlin · Java · Android · Studio · MVVM · LiveData · Room · RecyclerView · Material Design

Engineering:

Algorithms & Data Structures · C++ · C# · Python · IS Architecture

Tools & Network:

Git · Gradle · REST API · HTTP · SQL / SQLite · Yandex MapKit

Soft Skills:

English C1 (PET/FCE) · Self-Learning · Detail Oriented · System Thinking · Teamwork

ABOUT DETAILS

Promising Junior/Trainee Android Developer with two years of professional education (5 semesters completed). I have practical experience implementing the full development cycle: from requirements analysis and MVVM architecture design to REST API integration and application debugging. My profile is strengthened by a deep understanding of algorithms, IS architecture, networks, and databases.

PROJECTS

1. LibraryApp — Kotlin, MVVM

Android application in Kotlin implementing a catalog and library management with data storage in Room database and loading information from external JSON API.

- Full implementation of CRUD functionality for data management.
- Successful integration with external REST API for data synchronization.
- MVVM + Room architecture for local storage.

2. TimeConverter — Kotlin

Mobile application for time unit conversion, developed in Kotlin for Android.

- Supports 10 conversion directions: seconds, minutes, hours, days, weeks, etc.
- Intuitive interface with instant conversion.
- Optimized work with various time units.

3. MetroSPB-Navigator — C#

Application for finding the shortest path in the St. Petersburg metro.

- Uses Dijkstra's algorithm to calculate the optimal route.
- Considers travel time and transfers between stations.
- Route visualization and travel time calculation.

4. KrasnodarMapApp — Yandex MapKit

Geolocation application for Krasnodar with advanced mapping and navigation.

- Integration of Yandex Maps API with custom markers.
- Implementation of navigation and geolocation services.
- Map rendering optimization for smooth performance.

Other Projects: 5. AirHockey (C++ / Game Dev), **6. TeaShop Simulator** (C# / WinForms)

EXPERIENCE

T-Bank (FinTech)

Deposit Products Specialist (Chat Support)

- Working in a high-performance fintech environment.
- Developed the skill of quick decision-making (Multitasking).
- Applying communication skills to solve complex issues (Client-oriented).
- Made an impression with readiness to learn and a proactive approach.
- Interaction with technical teams under high load conditions.

EDUCATION

SUAI (Saint Petersburg State University of Aerospace Instrumentation)

Bachelor's • Information Systems and Technologies

Dates: 2023 – 2027 (Current student, 3rd year)

Key Disciplines: Programming Technologies, IS Architecture, Infocommunication Systems and Networks, Requirements Development and Analysis, Algorithms and Data Structures, Computer Architecture, Computational Mathematics.