Ilia L.

Android developer

Professional summary

Android developer with 4+ years of experience in building mobile applications. The technology stack includes Kotlin as the primary programming language, Java as an alternative one, and various popular Android libraries and frameworks. Enjoys tackling complex tasks and solving challenging problems that arise in projects. Reliable, proactive, and dedicated to understanding Customers' needs to deliver solutions that align with their goals and expectations. Always expands his development skills.

Education

Social and Humanitarian University. Qualification awarded: Specialist Degree in History and Jurisprudence.

Industries

Insurance, Retail, Service Sector, Information Services

Technologies and tools

• Kotlin, Java, Python

• Android SDK, Firebase SDK, Cognito SDK

• Retrofit, Moxy, Glide, Osmdroid, Rx2, Cicerone, Lottie, Dagger2, Koin, Kodein, Flow, SignalR, RxJava

• Clean Architecture, MVP, MVVM, SOLID

• Realm

• Gradle, HTTP

• AWS Cognito, Firebase Cloud Messaging, Google Maps

• JUnit

• XML

• Git

PROJECTS

Kiwu2go KFT

Duration: 04.2024 — till now

KIWU is a member of InsurTech UK Association that aims to transform the insurance industry through the use of technology, and to make the UK the global leader for insurance innovation. Kiwu2go KFT is an innovative company specializing in mobile health applications, offering cutting-edge solutions for tracking and improving personal health and well-being. Our team focuses on delivering advanced features through modern technologies and data-driven insights.

Team

6 specialists

Position

Android developer

Responsibilities
- Developing and maintaining reusable components and modular features to enhance the application functionality
- Debugging and optimizing the Activity Recognition API for efficient background execution
- Integrating AWS Cognito for phone number verification and authentication flows
- Designing and maintaining ViewModel and fragment communication within an MVVM architecture
- Analyzing and processing accelerometer data from various smartphone manufacturers to ensure consistent functionality
- Updating and refactoring existing functionality to improve code maintainability and readability
- Adding Amplitude to monitor user interactions and gather actionable insights
- Collaborating with UX designers to translate wireframes into responsive and visually appealing user interfaces

Technologies and tools
- Kotlin, Android ViewModel, Kodein, MVVM, Osmdroid, Activity Recognition API, AWS Cognito, Amplitude

Retail company

Duration: 12.2022 — 04.2024

The Customer is a prominent food retail company. The team worked on a comprehensive application for clients to explore and purchase products seamlessly. A solution for a warehouse data collection terminal was also developed. Moreover, the Dubai version of the application was also implemented.

Team

20 specialists

Position

Android developer

Responsibilities

• Developed new user-facing features and enhanced existing ones to meet Customer demands

• Refactored legacy code to improve the application performance and maintainability

• Participated in Agile ceremonies, including daily stand-up, sprint planning, and retrospective meetings

• Collaborated with cross-functional teams to define and implement functional requirements

• Conducted code reviews to ensure high-quality task execution and adherence to coding standards

• Mentored junior developers and onboarded new team members

• Optimized the application performance for scalability and responsiveness

• Wrote and maintained unit and integration tests to ensure code reliability

• Wrote and maintained technical documentation for new and existing features

• Managed CI/CD

Technologies and tools

• Kotlin, RxJava, Dagger2, Moxy, Room, MVP, HTTP, Firebase

Cottage cluster management app

Duration: 07.2021 — 12.2022

The goal of the project was to develop applications for managing a cottage cluster. One application is designed for residents, allowing them to view news, participate in surveys from the administration or created by other neighbours, publish announcements, and create parking passes for cluster entry. The second application enables workers to manage the availability of these passes and create service pass cards via a tablet.

Team

5 specialists

Position

Android developer

Responsibilities

• Designed and developed the applications from scratch, including architecture design and technology selection
• Developed new features
• Translated wireframes and prototypes into responsive and visually appealing user interfaces
• Refactored and optimized legacy code for better readability and maintainability
• Managed app releases and updates on Google Play
• Participated in Agile development processes, including sprint planning and task estimation
• Collaborated with QA engineers to troubleshoot the software and resolve issues
• Wrote SQL queries and optimizing database operations for better application performance

Technologies and tools

• Kotlin, RxJava, Coroutines, Flow, Koin, Retrofit, SignalR, Realm, Firebase

App for cards

The team has developed an application for storing bonuses and business cards. ABBYY services automatically recognize text in photos, enabling immediate transfer of data from business card images to the database. The application is synchronized with Google accounts.

Team

5 specialists

Position

Android developer

Responsibilities

• Developed new features and maintained the existing user-facing functionality

• Refactored and optimized legacy code for better readability and maintainability

• Participated in Agile development processes, including sprint planning and task estimation

• Collaborated with QA engineers to troubleshoot the software and resolve issues

• Devised possible solutions to anticipated problems

Technologies and tools

• Kotlin, RxJava, Coroutines, Flow, Koin, Retrofit, SignalR, Realm, Firebase