SENIOR FLUTTER ENGINEER

Education

Bachelor's Degree, Computer Science, Software Engineering

Language proficiency

English — B2

Domains

Operations
Fintech
Logistic
Personal finance

Senior Flutter Engineer with 6+ years of Flutter experience / 8 years of commercial software development experience.

Senior Flutter Engineer with expertise in Dart/Flutter and Android/Kotlin (Jetpack Compose), focused on building scalable and maintainable applications. Experienced in Clean Architecture, MVVM/MVI/BLoC patterns, and modern state management (Riverpod, StateFlow).

Skilled in integrating AWS, Firebase, and ML Kit, and setting up CI/CD pipelines. Strong background in designing architectures from scratch, delivering complex features (auth, real-time data), and collaborating with product and backend teams to ensure reliable, high-quality releases.

Programming languages

Dart, Kotlin

Architectural patterns

Clean architecture

Programming technologies

Flutter, Jetpack Compose, Riverpod, Async, Http, StateFlow/Flow, Coroutines, GetIt, Freezed, Fastlane, Hilt, Unit testing, Retrofit, Gradle, CustomPainter, Strapi, AWS, Firebase, Firebase Analytics, Firebase Crashlytics, Google ML Kit, CI/CD, Jenkins, AutoRoute, Room Database, Flutter Tests, Mockito / JUnit

API technologies

REST, Web Sockets

Source control systems

Git, GitHub, GitFlow

Tools & Workflow

Android Studio, Xcode, Slack, Scrum, Figma

Operating systems

MacOS, Windows

Confidential information Itexus. Distribution without the written consent of Itexus is strictly forbidden.

Projects

AI-POWERED SERVICE PLATFORM

A mobile platform for field service operations. Service teams use the app to scan asset barcodes, instantly retrieving service histories and technical data. Technicians record audio notes during inspections or repairs. The app's AI analyzes the audio to produce concise service summaries and transcripts, which are then used to automatically generate service reports and update maintenance logs. The platform also provides analytics for tracking team performance and optimizing service delivery.

Environment

Dart, Riverpod, Flutter, Clean Architecture, Async, Http, REST, Strapi, AutoRoute, Fastlane, AWS, Google ML Kit, Freezed, Git, GitHub, XCode + Android Studio, Figma, CI/CD (GitHub Actions / GitLab CI), Unit testing (Mockito / Flutter Tests)

Project roles

Senior Flutter Engineer

Period

02.2023 - Till now

Responsibilities & achievements

- Designed and implemented the application architecture from scratch using a modular approach with Riverpod for state management.
- Led development of complex UI flows and business logic, including navigation built with AutoRoute.
- Set up and maintained CI/CD pipelines using Fastlane for automated builds, testing, and releases to App Store and Google Play.
- Implemented key features such as third-party authentication (Google, Microsoft), full sign-in flow, barcode/QR scanning, and real-time audio recording.
- Managed the mobile team, including task distribution, code reviews, and sprint delivery.
- Participated in planning by analyzing requirements, providing estimates, and contributing to sprint scope definition.
- Improved performance and stability by identifying bottlenecks, refactoring critical parts of the codebase, and resolving complex issues.
- Collaborated closely with backend and product teams to align on API contracts and refine business logic.

Confidential information Itexus. Distribution without the written consent of Itexus is strictly forbidden.

A MOBILE APPLICATION FOR CHARITABLE GIVING

A mobile application designed to consolidate user loyalty programs and facilitate charitable giving. The platform allows users to store and manage discount coupons, gift cards, and loyalty program data from various partner stores. The core feature of the application enables users to donate their accumulated loyalty bonuses directly to registered charitable organizations and specific events. The application also includes a partner store locator with map integration, advanced filters, and comprehensive user account management.

Environment

Kotlin, Jetpack Compose, MVVM/MVI, Hilt (Dependency Injection), Coroutines, StateFlow/Flow, Retrofit, Room Database (Offline Caching), Mockito/JUnit (Unit & Instrumentation Testing), Git, GitHub, Android Studio, Gradle, GitFlow, CI/CD (GitHub Actions/GitLab CI), Async / Http, Firebase

Project roles

Android Engineer/Flutter Engineer

Period

04.2022 - 02.2023

Responsibilities & achievements

- Designed and implemented application architecture (MVVM/MVI) using Android Jetpack components such as ViewModel, StateFlow, and Coroutines.
- Built a responsive and dynamic UI with Jetpack Compose, ensuring a smooth and modern user experience.
- Managed navigation and state using Compose Navigation and unidirectional data flow (UDF).
- Implemented core features including authentication, user profiles, donation flows, and transaction history.
- Refactored code, fixed bugs, and optimized performance to improve stability and maintainability.
- Followed GitFlow practices (feature, develop, release, hotfix) to support a structured development process.
- Set up and maintained CI/CD pipelines (GitHub Actions / GitLab CI) for automated testing, linting, and build generation.
- Worked closely with backend engineers to integrate REST APIs (Retrofit) and contributed to UI/UX improvements.

Confidential information Itexus. Distribution without the written consent of Itexus is strictly forbidden.

SECURE FIELD COMMUNICATION CHANNEL

An enterprise mobile platform designed to manage and support field agents and technicians operating across multiple countries. The application provides a secure communication channel with a central dispatch hub, supporting real-time chat, audio messaging, and photo/document uploads for reporting and verification. Key features include an integrated translation tool for multilingual team operations and a location-based search to quickly find nearby warehouses, partner offices, or service centers.

Environment

Dart, BLoC + Clean Architecture, Flutter, Async, GetIt, AutoRoute, Web Sockets, Git, GitHub, REST, Unit testing, AWS, XCode + Android Studio, Figma, Freezed

Project roles

Flutter Engineer

Period

01.2021 - 04.2022

Responsibilities & achievements

- Designed and implemented a modular architecture using Clean Architecture and BLoC to support scalability across multiple regions.
- Developed real-time communication features (chat, audio messaging) using WebSockets with handling of unstable network conditions.
- Implemented media workflows for field reporting, including camera/gallery integration, file validation, and upload of photos and documents.
- Built location-based search using geolocation to find nearby warehouses and service points with filtering and distance sorting.
- Integrated an in-app translation tool to support multilingual communication between agents and dispatch.
- Integrated backend services hosted on AWS for real-time communication and data handling.
- Optimized performance through refactoring, memory usage improvements, and UI rendering enhancements.
- Collaborated with backend and product teams to define APIs, handle edge cases, and ensure reliable feature delivery.

Confidential information Itexus. Distribution without the written consent of Itexus is strictly forbidden.

FINANCIAL ANALYTICS PLATFORM

As part of this project, a secure backend integration was implemented to aggregate financial data from various sources. The system analyzes spending patterns using data models to build forecasts for the user. A cross-platform mobile application was developed that provides a highly custom and convenient interface for displaying financial data, budget forecasts, and savings recommendations.

Environment

Dart, Flutter, Clean architecture, AutoRoute, CustomPainter, GetIt, REST, Jenkins, Json_serializable, Firebase (Analytics, Crashlytics), Flutter Tests, Git, GitHub, XCode + Android Studio, Slack, Scrum, Figma, Http / Async, CI/CD (Jenkins), Unit testing

Project roles

Flutter Engineer

Period

03.2018 - 01.2020

Responsibilities & achievements

- Defined and implemented the core application architecture based on Clean Architecture, ensuring long-term scalability and maintainability.
- Led end-to-end feature development, writing efficient code and maintaining quality through regular code reviews.
- Owned the full development lifecycle, including estimation, task breakdown, debugging, and publishing to Google Play and App Store.
- Improved application stability by fixing bugs, refactoring legacy code, and optimizing critical workflows.
- Enhanced user experience by implementing custom animations (e.g., charts, budget tracking) and integrating Firebase (Analytics, Crashlytics) for monitoring and insights.
- Acted as the main technical point of contact, working closely with clients, designers, and product managers to deliver user-friendly solutions.

Confidential information Itexus. Distribution without the written consent of Itexus is strictly forbidden.

Professional skills

SKILLS		EXPERIENCE IN YEARS
PROGRAMMING LANGUAGES	Dart	6
	Kotlin	4
PROGRAMMING TECHNOLOGIES	Flutter	6
	Jetpack Compose	3
	Riverpod	4
	Async	8
	Http	4
	StateFlow/Flow	3
	Coroutines	2
	GetIt	4
	Freezed	4
	Fastlane	4
	Hilt	4
	Retrofit	3
	Gradle	4
	CustomPainter, Strapi	5
	AWS	6
	Firebase, Firebase Analytics, Firebase Crashlytics	8
	Google ML Kit	4
	CI/CD (Fastlane, GitHub Actions, GitLab CI, Jenkins)	6
	AutoRoute	8
	Room Database	2
	Unit testing (Mockito, JUnit, Flutter Tests)	4
API TECHNOLOGIES	REST	8
	Web Sockets	5
SOURCE CONTROL SYSTEMS	Git, GitHub, GitFlow	8

Confidential information Itexus. Distribution without the written consent of Itexus is strictly forbidden.