

András Ferencz

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Senior Mobile Software Engineer - Android & iOS

Remote/Worldwide availability - Based in Romania

CAREER ACCOMPLISHMENTS

- Mobile Software Engineer with 8+ years of experience, adept at leveraging cutting-edge technologies to develop impactful native Android & iOS mobile applications using Kotlin, Swift, and Kotlin Multiplatform.
- Achieved over 1 million total downloads across various contributed apps. Independently developed self-initiated projects that garnered more than 750,000 downloads.
- Achieved significant improvements in app performance by implementing efficient coding practices, optimizing resource utilization, and reducing load times.
- Demonstrated the ability to diagnose and resolve performance bottlenecks, resulting in faster app response times, reduced battery consumption, and enhanced user satisfaction.
- Led initiatives to enhance the user interface (UI) and overall user experience (UX) of mobile applications, collaborating closely with design teams to implement user-centric design principles.
- Received positive feedback from users or stakeholders regarding improved app usability, accessibility, and overall satisfaction, indicating a commitment to delivering apps that meet or exceed user expectations.

PROFESSIONAL EXPERIENCE

Event Planning Website & App

Remote, San Francisco, CA

Lead Mobile Software Engineer

Full-Time, Oct 2022 – Dec 2023

Your go-to destination for event planning. Create a personalized wedding website and an all-in-one registry with ease. Their free mobile app ensures your event is always at your fingertips.

- Led a team of 4 engineers across the globe, being responsible for the iOS and Android apps' performance, architecture, feature development, and ensuring acquisition through different platforms
- Led the refactoring and improvement of the app's initial user experience, coupled with the development of a new Home screen from the ground up.
- Employed a Firebase remote A/B testing strategy, gathering data and verifying a substantial conversion rate enhancement before gradually rolling out the new home screen, built with Jetpack Compose and Kotlin, to all users.
- Successfully extended user engagement by 20% within the app, resulting in heightened user satisfaction and increased recommendations to peers.
- Revitalized the iOS app's codebase by implementing strategic initiatives to enhance scalability, maintainability, and cleanliness—streamlined dependency management by replacing Cocoapods with Swift Package Manager, resulting in an efficient and organized codebase.

- Conducted a comprehensive cleanup effort, removing over 500 files and rewriting UIKit components into SwiftUI, together with the Modularization of the iOS codebase into packages to support existing development and seamlessly integrate future apps, aligning with Joy's expansion plans.
- Leveraged SwiftUI to implement both legacy and new screens, incorporating iOS 16 and 17 APIs for cutting-edge features that enriched the user experience.
- Leveraged Kotlin Multiplatform to bootstrap the implementation of new features and screens.
- **Tech stack: Kotlin, Jetpack Compose, Kotlin Multiplatform, Coroutines, Live Data, Epoxy, GraphQL, Swift, SwiftUI, Firebase, MVVM, CI/CD, & more**

CloudMonitoring.Us

Remote, New York City, NY

Senior Mobile Software Engineer

Freelance, Oct 2021 – Mar 2023

CloudMonitoring is a cloud-based remote monitoring system that offers hosted, all-in-one monitoring of your equipment – 24 hours a day, seven days a week, accessible from anywhere.

- Led the development of a brand-new app at CloudMonitoring, harnessing Kotlin, Jetpack Compose, Epoxy, Retrofit, Android X, and other cutting-edge technologies, designed an architecture and codebase with scalability and maintainability in focus
- Employed a hybrid MVC and MVVM architecture, creating a robust and scalable app that seamlessly integrated Swift classes for enhanced functionality.
- Achieved a 99% stability rate through comprehensive unit testing, addressing real-world use cases and ensuring a stable user experience.
- Successfully tackled the challenge of handling 100+ data updates per second by leveraging Kotlin coroutines for efficient background processing.
- Implemented a device tracking system for efficient monitoring and management, allowing super admins to track worker locations at each station.
- Published a feature-rich Android app within a remarkable timeframe of less than 5 months, maintaining a crash-free record and ensuring robustness and stability.
- Continued iterative development based on user feedback and evolving requirements, ensuring ongoing improvements and user-aligned features.
- Maintained support for latest SDKs, enabling compatibility with new Android versions.
- **Tech stack: Kotlin, Jetpack Compose, Coroutines, Live Data, Epoxy, GraphQL, Swift, SwiftUI, Firebase, MVVM, CI/CD, & more**

JUSTROCKET / Wearonize App

Remote, Munchen, Germany

Senior Android Software Engineer

Full Time, Mar 2022 – Dec 2022

With wearonize, you'll get a platform that lets you offer contactless payment devices to your customers without a hitch, while we ensure security and cost-efficiency along the way.

- Successfully refactored an Android app from Java to Kotlin, integrating cutting-edge technologies including Retrofit, Epoxy, Jetpack Compose, Koin, Kotlin Coroutines, and Dagger, among others.
- Developed a custom Software Development Kit (SDK) for specific payment services, offering technical support to clients and enhancing their experience.

- Collaborated seamlessly with the iOS team, Design team, and Product Owner to achieve simultaneous app releases with consistent features and functionalities.
- Ensured regular updates and enhancements for all five brand flavors of the app, demonstrating dedication to maintaining and improving the user experience.
- Contributed in securing a second round of funding following the successful event and overall client satisfaction, validating the business's value, potential, and positioning for continued growth.
- **Tech stack: Kotlin, Java, RxJava, Rest API, Retrofit, Firebase, Jetpack Compose, Coroutines, MVVM, CI/CD, & more**

Bee Food Delivery

Remote, Targu Mures, Romania

Android & iOS Software Developer

June 2020 - March 2022

Largest Local Food Delivery Chain, Handling Over 500 Orders Daily with a Team of 12 Delivery Personnel across 35+ Locations.

- Led the creation of a comprehensive delivery system, orchestrating the development of multiple Android and iOS applications to optimize the delivery process and enhance operational efficiency.
- Crafted a dedicated Android app for Lenovo tablets, enabling restaurant staff to seamlessly place delivery requests and track pending orders.
- Developed iOS and Android delivery apps for riders, utilizing Firebase backend and Swift/SwiftUI for iOS, and Kotlin with Epoxy for Android, equipping delivery personnel with essential tools for task management, order handling, and efficient navigation.
- Overcame challenges such as optimizing performance for low-end Android tablets and ensuring compatibility across a wide range of device versions, contributing to the seamless functionality and usability of the apps.
- Achieved exceptional results with the delivery system, which continues to operate successfully, handling over 500 orders daily, tracking delivery accuracy, and enhancing the overall customer experience.
- **Tech stack: Kotlin, Swift, Rest API, Retrofit, Firebase, React Native, Jetpack Compose, Coroutines, MVVM, Firebase-Real-Time database & more**

Freelancer

Remote

Mobile Software Developer

August 2016 - March 2022

Worked on various freelance projects, with a primary focus on city, public transport, and radio station apps.

- Successfully developed a radio station framework for Android and iOS platforms, resulting in the creation of three functional and robust mobile apps. Enabled efficient customization and adaptation to different radio station needs, ensuring consistent quality and functionality across apps developed using the framework.
- Contributed to the city's progress by bridging infrastructure gaps through innovative app solutions, providing residents and visitors with reliable, up-to-date, and user-friendly public transport information and navigation.

PHILANTHROPY

TEDx Targu Mures

Targu Mures, Romania

Volunteer

Jan 2022 – Present

EDUCATION

Babes-Bolyai University

Bachelor of Science

Cluj-Napoca, Romania

Jun 2016 – Jun 2019