Deepak Samuel Rajan

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A highly motivated and results-oriented mobile application developer with 13+ years of experience in designing, developing, and deploying robust and user-friendly applications for Android and iOS platforms, including extensive experience working with European clients. Proven ability to lead complex technical initiatives, integrate emerging technologies, and deliver innovative solutions that enhance operational efficiency and user experience. Passionate about creating impactful mobile experiences through clean code, efficient architectures, and user-centric design. A strong collaborator with excellent communication and interpersonal skills, adept at working effectively with cross-functional teams and stakeholders to achieve project goals

Career Highlights

∞   Pioneered the adoption of Kotlin Multiplatform Mobile (KMM), creating successful cross-platform applications for Android, iOS, and Desktop, resulting in significant cost and time savings.

∞   Spearheaded the development and deployment of numerous internal applications across diverse platforms, significantly improving operational efficiency and user experience within Dubai Police.

∞   Successfully integrated National ID reading technology, NFC, and various sensor-based technologies into mobile applications, demonstrating a strong ability to leverage and implement emerging technologies for innovative solutions.

∞   Led multiple projects that streamlined manual processes through mobile app development, increasing organizational productivity and efficiency within Dubai Police.

∞   Consistently demonstrated a user-centric approach by conducting research on application acceptance and gathering user feedback, leading to improved adoption rates and user satisfaction.

Skills Summary

Programming Languages	Kotlin, Java, Swift
Platforms	Android, iOS, Kotlin Multiplatform
Frameworks & Libraries	Jetpack Compose, Android Jetpack, SwiftUI, UI Kit, Ktor, SQLDelight, kotlinx.serialization, Retrofit, OkHttp, Firebase, Glide, Coil, Core Data, Room, Realm, Alamofire, Kotlin Coroutines, Koin, Decompose, Kamel, Horologist
Dependency Injection	Koin, Hilt
Architecture	MVVM, MVI, MVC, VIPER
Tools	Android Studio, Xcode, Git, GitHub, IntelliJ, Fleet
Collaboration Tools:	Slack, Webex

Experience

Dubai Police –Senior System Development Specialist (Android, iOS, KMP Apps)   Dec 2015 - Present

Tasks and responsibilities

∞   Led the design, development, and deployment on Google Enterprise PlayStore and Citrix Managed App Store of over 15 mobile applications for Android and iOS, including national ID integration and data fetching features from Dubai Police and other Traffic highly secured servers,

∞   Pioneered the adoption of Kotlin Multiplatform Mobile (KMM), enabling efficient cross-platform development and reducing development time and costs.

∞   Successfully integrated NFC, sensor-based technologies,Grabba devices and national ID reading technology into mobile applications.

∞   Improved organizational productivity and efficiency by leading projects that streamlined manual processes through mobile app development.

∞   Consistently gathered user feedback and conducted research on application acceptance to enhance user satisfaction and adoption rates.

∞   Effectively communicated with stakeholders to manage expectations and ensure project success.

Project Highlights

⇒   Worked on a Kotlin Multiplatform project with a shared UI for Android, iOS, and Desktop to fetch ID details using MRZ code and Camera with ML Kit and iOS Vision APIs.

⇒   Pioneered the adoption of Kotlin Multiplatform Mobile (KMM) to develop cross-platform applications, resulting in significant cost and time savings.

⇒   Integrated NFC, various sensor-based technologies, and national ID reading technology into mobile applications to enhance functionality and user experience.

⇒   Created multiple modules for the Dubai Police Android and iOS Apps to handle form entries and data validation.

⇒   Developed a Kotlin Multiplatform app with a shared UI and Firestore integration using the GitLiveApp library to monitor VIP check-ins and manage records at different palaces in Dubai.

R2 International –Technical Lead   Aug 2011 - Nov 2015

Tasks and responsibilities

∞   Led the design, development, and deployment of mobile applications for European clients, demonstrating experience in international markets.

∞   Managed a team of mobile developers, overseeing the development, updates, and release of new features for various applications.

∞   Conducted research on application acceptance and gathered user feedback to drive adoption rates and improve user experience.

∞   Ensured effective communication with stakeholders to manage expectations and report on project progress.

∞   Led testing, reporting, and bug fixing efforts to maintain application quality and stability.

Project Highlights

⇒   Developed Android and iOS apps for Sliplay (https://sliplay.se/), a Swedish client, showcasing expertise in cross-platform development for a European market.

⇒   Created the OPERAMeeting app for Innotiimi Digital Services (https://www.innotiimi-icg.fi/who-is-icg/?lang=en) and ICG, a Finnish client, demonstrating experience in delivering bespoke mobile solutions for European businesses.

⇒   Developed a BLE technology app prototype for a Swedish company using the Estimote SDK (https://github.com/Estimote) to determine meeting space availability in a multilevel building by connecting to Estimote beacons, collecting payload data, and updating the app with a clear status of occupancy.

Honors and Awards

∞ **Certificate of Appreciation for Performance (2024**) - Awarded by the Director of Nad Al Sheba Police Station, Dubai Police for outstanding contributions and performance.

∞ **Appreciation Certificate (2024)** - Recognized by Za'abeel Palace Administration and Dubai Police for delivering innovative applications that enhance efficiency and community engagement.

∞ **EXPO 2020 Dubai Medal (2022)** - Awarded by H.H. Mohammed bin Rashid Al Maktoum for distinguished achievements and efforts during EXPO 2020 Dubai.

∞ **Employee Performance Award (2019)** - Recognized by Dubai Police for outstanding performance and contributions.

∞ **Excellence and Outstanding Performance Award (2018)** - Awarded by Za'abeel Office for H.H. Sheikh Mohammed bin Rashid Al Maktoum for exemplary performance and dedication.

∞ **Appreciation Certificate for Exemplary Performance (2017)** - Awarded by the Government of Dubai, Dubai Police for outstanding performance and commitment.

Education

∞ **Master of Computer Application (2011)**

Bangalore University, Karnataka, India.

∞ **Bachelors in Science (Electronics and Computer Maintenance) (2018)**

RDVV University, Madhya Pradesh, India.