

Litrik De Roy

Senior Android Developer with 15 years of experience building native apps

Perfectionist with more than 30 years of experience in software development. Strong in architecture, offline-first applications, hardware integration, and connecting mobile apps to complex enterprise backend systems.

✉ litrik@norio.be

☎ [+32 475 873235](tel:+32475873235)

Beekstraat 45
3130 Betekom
Belgium

💻 norio.be

🌐 linkedin.com/in/litrik

Experience

2008 - Today	Freelance Android Developer Norio Freelance Android developer working on a wide variety of native Android applications • Across multiple verticals (B2B and B2C): entertainment, productivity, utilities, news,... • Ranging from hundreds of thousands of users to just a handful • Sometimes communicating with specialized hardware like scanners or Bluetooth LE devices • Either as the sole developer or as a member of a larger team • Always using Google's best practices and community standards • Keeping track of new technologies and applying them when they add value Check out some of the apps on norio.be
2002 - 2007	Development Manager, Product Manager Inventive Designers Responsible for the daily planning, organization and follow-up of all development, support and services related to Inventive Designers' expanding product portfolio.
1997 - 2001	Systems Engineer, Software Developer Inventive Designers Responsible for the technical marketing and implementation services of the company's first AS/400 product.
1994 - 1996	Systems Engineer IBM Belgium Responsible for introducing TCP/IP networking, application modernization and object-oriented programming to AS/400 business partners.

Technology

Android	15 years of experience building and maintaining native Android applications.
Kotlin	5 years of experience with Kotlin (including Coroutines, Flow and Serialization), including 3 years in Kotlin Multiplatform (targeting backend, web, desktop and iOS).
Architecture	Strong focus on robust, testable architecture using MVVM, unidirectional data flow (UDF) and Dependency Injection.
Jetpack libraries	Extensive experience with Google's Jetpack libraries and their best practices, including Compose (15 apps), Room (7 apps), WorkManager (7 apps), Media3 (3 apps), Compose Navigation, Glance,...
Libraries and frameworks	Experience using popular Android libraries like Firebase (Crashlytics, Analytics, Cloud Messaging, Remote Config, Firestore,...), Retrofit, OkHttp, Moshi, Ktor, Koin, Coil, MapLibre, LeakCanary,...
Infrastructure	12 years of experience setting up and maintaining my own CI/CD infrastructure to build and deploy applications using Ubuntu Server, GitLab, Jenkins, Gradle, Docker,...
Agentic coding	Hands-on experience using AI to develop Android apps with Google Gemini in Android Studio, and web apps with Google Antigravity CLI.
Other	Android Studio, Material Design, Composables UI, Android Auto, Google Play Billing, Chromecast, SQLite, Datalogic, Sentry, Play Store policies and reviews, HTML, CSS, JavaScript, Home Assistant,...

Highlighted apps

2020–2026 Tomorrowland Radio

Development and maintenance of Tomorrowland's flagship app that combines three live radio streams, an archive of hundreds of DJ sets, and the timetable and video streams during live festivals. The app consistently achieved a 4.8-star rating on the Play Store (from nearly 8000 reviewers) and maintained a 99.9% crash-free session rate.

Technology Kotlin, Flow, Coroutines, Jetpack Compose, Jetpack Media3, Retrofit, Koin, Android Auto, Chromecast, WebViews

2017–2026 My Ticketmatic

Development and maintenance of the digital wallet for users of the Ticketmatic ticketing platform. The app is *offline-first* to make sure concert tickets are available even when offline.

Technology Kotlin, Flow, Coroutines, Jetpack Compose, Jetpack Room, Retrofit, Koin, dynamic styling, WebViews

2015–2026 Ticketmatic Scanning

Development and maintenance of Ticketmatic's app to scan tickets at the concert venue entrance. The app supports both Datalogic handheld scanners and generic Android devices. It implements a fault-tolerant two-way background sync.

Technology Kotlin, Java, RxJava, Retrofit, SQLite, Datalogic SDK

2020–2026 TRIS

Development and maintenance of an Android app that shows detailed maps to service personnel responsible for the maintenance of tourism posts and signs. The app is built for *offline-first* use, and supports creating, reading, updating or deleting information while working at remote locations with unreliable data network connections.

Technology Kotlin, Flow, Coroutines, Jetpack Compose, Jetpack Room, Retrofit, Koin, MapLibre Native

 Check out more [apps on norio.be](https://apps.on.norio.be)

Presenting

Teaching Led multiple workshops about a wide range of topics ranging from Internet security and object-oriented programming to Android development.

Conferences Received multiple speaker awards when presenting at various international conferences between 1998 and 2003.

Education

1993 **Licentiaat, Computer Science**
KU Leuven

Volunteering

2017 - 2025 **Board member (Secretary)**
Korfbalclub KCBJ

Open source projects

Displayer A multi-platform app for digital signage.

gsheet-resources A Gradle plugin that converts translations in a Google Sheet into resource files for Android and Kotlin Multiplatform apps.

Languages

Dutch Native

English Full professional proficiency

French Elementary