

Erkki Nokso-Koivisto

Senior Mobile Engineer · Android, iOS, Compose Multiplatform

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PROFILE

Senior mobile engineer with over 25 years in mobile software, from Windows CE, Symbian and J2ME to today's Android, iOS and Compose Multiplatform. A Commodore 64 kid from Vantaa who never stopped taking software apart to see how it works.

Spent nearly 15 years at In4mo (Solera), leading the technical development of the Task Reporter app's best-selling features across Android, iOS and Windows. Primarily focused on Android today (Kotlin, MVVM, Jetpack), with a security background that is unusual for a mobile developer: certificate pinning, pentest analysis and reverse engineering.

SKILLS

Platforms	Android, iOS, Windows
Languages	Kotlin, Java, Swift, Objective-C, C#, JavaScript, SQL
Android & Jetpack	Jetpack Compose, Compose Multiplatform, WorkManager, CameraX, Room, ViewModel, Lifecycle, LiveData, XML UI, Firebase push notifications, Google Analytics
Architecture	MVVM, Clean Architecture, dependency injection (Dagger, Hilt, Koin), reactive programming (RxJava, Kotlin Flow)
Data & networking	SQLite, Room, Core Data, REST, Protobuf
Security	PKI, TLS certificate pinning, Android Keystore, pentest analysis, reverse engineering (jadx, Ghidra, Frida)
Tools	Android Studio, Xcode, Visual Studio, VS Code, Git, Gradle, Fastlane, Jenkins, GitLab CI
AI tooling	GitHub Copilot, Claude, OpenCode, local LLMs

WORK EXPERIENCE

Senior Software Engineer — **In4mo Oy / Solera Holdings LLC** Oct 2011 – May 2026

- Led the technical development of the best-selling features of the In4mo Task Reporter mobile app, including Paper-like Reports and Floorplanner.
- Specialised in the Android app (Java, Kotlin) and contributed to the iOS app (Objective-C, Swift) when needed.
- Built In4mo's Windows Phone and desktop applications from scratch (C#, UWP, WinUI).
- Co-developed In4mo Floorplanner (JavaScript) as part of the development team.

Software Engineer — **Giesecke & Devrient 3S Oy** Oct 2010 – Oct 2011

- Developed G+D's NFC Wallet solution, primarily on Android, with work across iOS and J2ME.

Software Engineer — **Icareus Oy** Dec 2008 – Oct 2010

- Built mobile TV and broadcast solutions across J2ME, MHP and set-top box/DVB platforms.
- Developed the Radio Nova streaming app for the first iPhone, and developed and ported games for MHP and J2ME.
- Also delivered backend work (J2EE, Liferay), a SIP VoIP and video conferencing app (J2SE) and a Symbian ringtone app port.

Software Specialist — TietoEnator Oy 2005 – Dec 2008

- Lead developer of the TeliaSonera Mobile TV solution (J2ME).
- Development and consulting on TeliaSonera FieldWork (J2SE, J2EE); UI development and backend integration for the TeliaSonera/Vattenfall energy metering automation project (J2EE).

Systems Engineer — TeliaSonera Oy

2000 – 2005

- Built mobile and M2M applications, including software for Windows CE in-vehicle communication devices and J2ME mobile solutions: FieldWork (J2SE, J2EE), Sonera Juxto Cargo and Sonera Mobile Office (J2ME).

PROJECTS

- **Task Reporter** — In4mo's mobile app for Android, iOS and Windows. [Google Play](#) · [App Store](#) · [Microsoft Store](#)
- **Frodo** — Commodore 64 emulator for Windows 8.1. [Video](#)
- **8086TinyRT** — 8086 emulator for Windows 8.1. [Microsoft Store](#)
- **LunzziWatch** — Sodexo app for the Sony SmartWatch 2 (Android). [Google Play](#)

EDUCATION

BSc, LAB University of Applied Sciences

LANGUAGES

Finnish (native), English (fluent)