

MOBILE ENGINEER

Daniel Tapasco

Mobile Engineer specialized in Android and Kotlin Multiplatform. Building mobility and scalable mobile platforms from Barcelona.

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PROFESSIONAL SUMMARY

Cross-platform mobile engineer with experience building Android and iOS mobile solutions for transportation, enterprise and business environments. Strong background in Kotlin Multiplatform, mobile architecture, NFC integrations, gRPC communication systems, Firebase and internal tooling. Experienced translating business requirements into scalable technical solutions.

ENGINEERING HIGHLIGHTS

- Kotlin Multiplatform applications
- gRPC communication systems
- Mobile architecture and modularization
- Offline synchronization strategies
- ERP and enterprise platforms
- NFC integrations for mobility environments
- Android and iOS mobile integrations
- Dynamic localization workflows
- Internal SDKs and Gradle plugins

WORK EXPERIENCE

Mobile Engineer

Smarting Engineering

2024 - Present

Building mobility and public transportation platforms using Kotlin Multiplatform across Android and iOS environments. Working on NFC integrations, gRPC communication systems, Firebase configuration, Swift integrations, modular mobile architecture and secure mobile workflows.

Android Engineer

Iplan Gestion Integral SL

2018 - 2024

Led the development of Android applications and internal ERP platforms used across multiple business departments including accounting, time tracking, administration and commercial operations. Collaborated directly with stakeholders to translate business requirements into scalable technical solutions, while also managing Linux server infrastructure on DigitalOcean.

Freelance Web Developer

Freelancer

April 2016 - June 2018

Built websites and internal systems for local businesses, including WordPress solutions, inventory platforms and custom web applications.

CORE TECHNOLOGIES

Kotlin - Kotlin Multiplatform - Jetpack Compose - Android - Swift - gRPC - NFC - Firebase - Gradle Plugins - Modular Architecture - Offline Synchronization - Laravel - MySQL - Git