Rodrigo Gielow

Senior Android Developer · Kotlin Multiplatform

Florianópolis, SC, Brazil
rodrigogielow@gmail.com · +55 48 99995-7336
linkedin.com/in/rodrigo-gielow · github.com/rgielow
gielow.dev

SUMMARY

Senior Android developer with 9 years of experience building native apps for the financial sector, serving multiple banks. Specialized in **Jetpack Compose** and **Clean Architecture**, with a focus on modularization and testable architecture, and contributions to features such as **Pix** (Brazil's instant payments) and **Open Finance**. Builds multiplatform apps with **Kotlin Multiplatform** and Compose Multiplatform, such as Mar Limpo SC, published on Google Play and the App Store. Holds a degree in Cyber Defense from FIAP and applies mobile security practices in day-to-day development.

SKILLS

Native Android
Jetpack Compose, Clean Architecture, MVVM / MVI, Kotlin, Coroutines, Flow and StateFlow, Hilt, Room, DataStore, Gradle and modularization

Kotlin Multiplatform
KMP (shared logic), Compose Multiplatform, Ktor Client, Koin, Swift / Kotlin interop

Mobile security
Android Keystore and cryptography, secure storage, certificate pinning and TLS, R8 and obfuscation, threat modeling, traffic analysis and mobile pentesting

EXPERIENCE

southSystem · Android Engineer
Sep 2017 – Present · Porto Alegre, Brazil

- Develop and maintain native Android apps for multiple clients in the financial sector.
- Build high-impact features such as Pix instant payments and Open Finance.
- Deliver modular apps with a testable architecture following Clean Architecture principles.
- Adopt Jetpack Compose and StateFlow in the presentation layer.
- Apply information security practices throughout the development lifecycle.

Mar Limpo SC · Personal project · Android, iOS and Web
marlimposc.com.br

- Android and iOS app built with Kotlin Multiplatform and Compose Multiplatform showing beach water quality in Santa Catarina, Brazil.
- Official environmental agency (IMA) data, beach weather and season history since 2018; web version in Portuguese, English and Spanish.

Accenture Brasil · Systems Technician
Feb 2015 – Sep 2017 · Porto Alegre, Brazil

- Tier 2 support for credit systems on the Sicredi project.

EDUCATION

Cyber Defense · FIAP
2021 – 2022

Internet Systems (Technology Degree) · IFRS, Porto Alegre
2016 – 2019

Programming Technician · Faculdade de Tecnologia Senai
2011 – 2013

CERTIFICATIONS

Professional Qualification Certificates in:

- Cyber Intelligence and Counterintelligence
- Vulnerability Assessment and Penetration Testing
- Cybersecurity
- Information Security Management

LANGUAGES

Portuguese (native) · English (elementary) · Spanish (elementary)