

# 'askme' Tech Stack



## NETWORK & COMMUNICATION

Ktor 2.3.6  
Client Core + CIO

Ktor Serialization  
Content Negot.

gRPC Kotlin Stub  
1.4.1

gRPC Java  
Runtime 1.58.0



## MULTIPLATFORM CORE LAYER

Coroutines 1.7.3

Serialization 1.6.0

DateTime 0.5.0

AndroidX Core  
1.12.0

Lifecycle 2.7.0

Security Crypto  
1.1.0-α4



## UI & PRESENTATION LAYER

Compose UI +  
Tooling

Material Design  
(Material3)

Activity Compose  
1.8.2

Compose  
Compiler 1.5.4

Compose BOM 2023.10.01



## DEVELOPMENT FOUNDATION

JDK 17 (LTS)

Kotlin 1.9.10

Gradle 8.4

AGP 8.1.4



## DATA & DEPENDENCY INJECTION

SQLDelight 2.0.0  
Runtime Engine

SQLDelight  
Drivers  
Android + SQLite

Koin 3.5.0 Core

Koin Android +  
Compose



## TESTING & QUALITY ASSURANCE

JUnit 5.10.1

MockK + Kotest

Turbine 1.0.0

AndroidX  
Compose Test  
1.5.0

Detekt 1.23.4

ktlint 0.50.0



## DOCUMENTATION & BUILD TOOLS

Dokka 1.9.10  
(Kotlin Docs)

**Stack:** Kotlin Multiplatform · Gradle 8.4 · Kotlin 1.9.10 · JDK 17

**Highlights:** Compose BOM · SQLDelight · Koin · gRPC · Dokka