

Dennis Block
Android Developer

#### Contact

+49(0) 176 42134517 Dennis.Block@bandb.dev www.bandb.dev

Karolingerstraße 3 59872 Meschede Germany

# Skills

Android Development
Android SDK since Android 2.1
Android Jetpack
Sensors, Bluetooth (Smart)
SQLite, Room, Realm
RxJava, RxAndroid, Coroutines
Dagger 2/Koin
REST API, Json, Retrofit
Clean code, MVVM/MVP/MVI
Git, GitHub/Bitbucket/Gitlab
JUnit, Mockito, Espresso
Teams, Slack

**Programming Languages** 

Java

**JIRA** 

Kotlin

Languages

German English

# CV

#### **Projects**

• Film industry
Germany

since August 2021

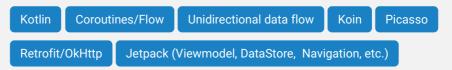
Another video streaming platform was supplemented by a native Android app. Our task was to first implement the UI layer and then implement the remaining layers. We used Jetpack Compose (Android's new UI framework toolkit) for the first time for the UI implementation.



Film industrie
 Germany

since July 2021

For the development of a video streaming Android app we were responsible for the UI layer. In addition to complex custom views such as the Electronic Program Guide (EPG), a dynamic styling system had to be implemented so that the app could later be offered as a white label solution.



#### Telecommunications

February 2021 - April 2021

For an IT service provider working in the telecommunications industry, we were responsible for the further development of a client-side SDK, which is developed in-house. The SDK communicates with a server via APIs generated by OpenAPI. We extended the APIs and integrated them into the SDK. The new features, among others Consent-Management, were implemented for the app of a larger customer the company serves. The UI design for the app was created by a designer in the tool Figma, which was subsequently implemented by us. The planning was done according to agile methodologies.



#### Gesundheitswesen

Deutschland

February 2021 - Juni 2021

After a consultation phase, the notifications are natively implemented for an emergency app developed in react-native. The challenge was to find a way to handle the different restrictions of the device manufacturers. In addition to the actual implementation, the communication with the react modules had to



Dennis Block
Android Developer

#### Contact

+49(0) 176 42134517 Dennis.Block@bandb.dev www.bandb.dev

Karolingerstraße 3 59872 Meschede Germany

# Skills

Android Development

Android SDK since Android 2.1 Android Jetpack

Sensors, Bluetooth (Smart)

SQLite, Room, Realm

RxJava, RxAndroid, Coroutines

Dagger 2/Koin

REST API, Json, Retrofit

Clean code, MVVM/MVP/MVI

Git, GitHub/Bitbucket/Gitlab

JUnit, Mockito, Espresso

Teams, Slack

JIRA

**Programming Languages** 

Java

Kotlin

Languages

German English

# CV

be taken into account.

Kotlin

Firebase Cloud Messaging

Android Native Modules (react-native)

Education Germany April 2020 - July 2021

An app for educational institutions is extended by a new feature. Data is provided by a second backend system through a REST interface, which I integrated into the app. The app will be extended by a registration feature, authentication with token management (JWT) and different interfaces to display or change data through the given REST API. In addition, there were other activities such as consulting and maintenance over a longer period of time.

Kotlin

MVI+MVP

Databinding

Retrofit

Koin

RxJava2, RxBinding

JUnit, Mockito, Espresso

 Aviation and aerospace Germany March 2020

An already existing app should be rebuild from scratch using more modern approaches. As part of a team I was responsible for the implementation of one of the features. Locally stored data was read out and displayed in different views, for which I had to develop a complex custom view.

Kotlin

MVVM

Databinding

Jetpack

JUnit, Mockito

# **Open Source Projects**

GraphView

Co-author (https://github.com/Team-Blox/GraphView)

Android library used to display data in graph structures.

Featured in Android Weekly, Issue #378

# Work Experience

Block & Block Software Engineering GbR

since January 2019

Android Freelance Developer

B. M. S.

since September 2018

Co-founder and -author

Computer-assisted monitoring of collapse-endangered structures by laser interferometers.



Dennis Block
Android Developer

# Contact

+49(0) 176 42134517 Dennis.Block@bandb.dev www.bandb.dev

Karolingerstraße 3 59872 Meschede Germany

# Skills

Android Development

Android SDK since Android 2.1
Android Jetpack

Sensors, Bluetooth (Smart)

SQLite, Room, Realm

RxJava, RxAndroid, Coroutines

Dagger 2/Koin

REST API, Json, Retrofit

Clean code, MVVM/MVP/MVI

Git, GitHub/Bitbucket/Gitlab

JUnit, Mockito, Espresso

Teams, Slack

JIRA

**Programming Languages** 

Java

Kotlin

Languages

German English

Fleetbird GmbH

September 2018–October 2018

Android Developer

Development on the Fleet-Sharing Android app in Java. Implementation of specifications. Close cooperation with design and iOS team.

MexIT GmbH

June 2014-April 2017

**Android Development** 

#### Education

 Fachhochschule Südwestfalen Iserlohn March 2013—September 2018

Applied computer science
Master of Science with honors

• Fachhochschule Südwestfalen Iserlohn

December 2008—December 2012

Applied computer science Bachelor of Science

Berufskolleg Olsberg des HSK

December 2004-December 2007

Training as a "State-certified information technology assistant" Advanced technical college entrance qualification