Dennis Block
Android Developer

Contact

+49(0) 176 42134517

Dennis.Block@bandb.dev

www.bandb.dev

Karolingerstraße 3
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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

Projects

▪ **Education** — since April 2020
Germany

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.

Kotlin | MVI+MVP | Databinding | Retrofit | Koin | RxJava2, RxBinding

JUnit, Mockito, Espresso

▪ **Aviation and aerospace** — March 2020
Germany

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

▪ **SmartHome „LED by AEG"**
MexIt GmbH

As part of a team I was involved in the conception and subsequent implementation. Special light sources were equipped with Bluetooth low energy chips, which are controlled by the app. The light sources were protected with a password, so not everyone could control them. Furthermore the light sources could be grouped into "scenes", like "living room". This configuration was stored in a local database.

Java | Bluetooth LE | SQLite, ORM

▪ **Fitness**
MexIt GmbH

An app should be developed in the fitness area. This app provides the user with different training plans.For each training plan, the user can keep a separate log entries. The time of the training session, the number of sets and repetitions was stored locally in a database. This data was then processed and displayed in a chart.

Java | SQLite, ORM

CV

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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.

- **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**   March 2013—September 2018
  Iserlohn

  Applied computer science
  Master of Science with honors

- **Fachhochschule Südwestfalen**   December 2008—December 2012
  Iserlohn

  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