



Paul Woitaschek

Philosophy

I have a strong focus on a clean architecture backed by immutable objects as they are easily understandable and solve many problems – especially concurrency.

My code standards and architecture design principles are heavily inspired by the book *Effective Java* by Joshua Bloch.

RxJava helps in writing precise, reusable and very maintainable code. I use Dagger 2 as DI framework. This decouples the components and makes testing easy.

Static code analysis like Android Lint or FindBugs helps by detecting bugs *before* they appear.

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Experiences

June 2015 - **Android Developer and technical adviser**, *WellDoo GmbH (Gruner + Jahr)*, Freelancer.

February 2016 Development and conception of the Beurer BodyShape App, a Fitness-App connected to a scale and a fitness tracker.

Used Technologies:

- Dagger 2 DI
- Android 6 Permissions
- Bluetooth LE (SDK assisted)
- Large amount of custom views
- SQLCipher / SQLite
- Git
- Scrum

Other tasks:

- Technical adviser during the conception phase of two other Android Applications
- Code reviews and technical interviews of candidates
- Maintenance of multiple Android projects

2013 - now **Material Audiobook Player**, *45000 Downloads*.

An open source player for audio books following the Material Design specification and having a clear interface.

Its source is available on GitHub: [PaulWoitaschek/MaterialAudiobookPlayer](#)

For many years I am evaluating new technologies and patterns here. Used technologies:

- Developed in Kotlin (as of version 2.4.3)
- Dagger 2 DI
- RecyclerView, CoordinatorLayout, Snackbar, Material Transitions, etc.
- Rest / JSON for cover downloading through Google API (Retrofit)
- Git
- SQLite
- Reactive Java (RxJava) + RxAndroid
- Android 6 Permissions
- CI (Travis)

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- 2016: **Do, Own production.**
 January - An android notes and todo app.
 now
 Used Technologies:
 ○ Dagger 2
 ○ DataBinding
 ○ Git, Kanban
 ○ RecyclerView, Ripples, CoordinatorLayout, Transitions, etc.
- 2015: **MarinaMap, Android Freelancer, Developer and maintainer.**
 January - Development of the App for the website marinamap.com. This is a
 July social network for sailors and lets the user enter harbors through
 the App.
- 2014 - 2015 **Charité Hospital Berlin, Android Developer.**
 Developing an Android Application suited for Medical Doctors for
 collecting medical data.
- 2013 - 2014 **WebSMS DevGarden Connector.**
 an App for sending SMS over the internet. GitHub:
 PaulWoitaschek/websms-connector-developergarden

Academic Formation

- 2013-2014 **Cultural Sciences and Computer Science, Humboldt-Universität zu Berlin.**
- 2011-2013 **Physics Engineering, Technische Universität Berlin.**

Formal education

- 2009-2011 **Abitur, Gymnasium Große Schule Wolfenbüttel.**

Languages

- German Mother tongue
 English Fluently
 Dutch Good skills
 French Basic skills

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