JOHANNES BOLZ
Freelance Mobile Developer (Android/Flutter)
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## PROFILE

Mobile developer with more than 9 years of experience in building robust and clean mobile apps. Deep knowledge of the Android SDK and Flutter. Up to date with the relevant third-party tools. Able to focus on the details that matter without losing sight of the big picture. At home in early stage projects. Berliner by choice. Loves to travel. Proud dad.

## SKILLS

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| Languages: | Kotlin, Java, Dart, SQL, JavaScript, .NET (VB, C#), bash, Python |
| APIs / Frameworks: | Android SDK, Flutter, Rx(-Java/-Kotlin/-Dart), Jetpack, Retrofit, Dagger, Firebase SDKs, Room/SQLite, Realm, Google Maps API and many more. |
| Testing: | JUnit, Espresso, Appium, Mockito, PowerMock, MockK. |
| Tools: | Android Studio/IntelliJ IDEA, Gradle, Jenkins, Travis, GitLab CI, Git, Maven, Firebase, Crashlytics, Jira. |
| Other: | Everything location: various map APIs, geofencing, activity tracking, GPS.<br>Familiar with Scrum, Kanban, waterfall, chaos and everything in between.<br>Famous for my home-made pizza (multiple years of experience in the pizza business long before I started being a developer). |

## WORK EXPERIENCE

**since 05/18** — Johannes Bolz Softwareentwicklung (Freelance), Berlin. Clients so far:
- Commerzbank/Comdirect Bank, Rostock. Development of a new onboarding/legitimation flow in the Comdirect banking Android app.
- 365FarmNet, Berlin. Development/maintenance of 365Active, a farm machinery tracking system using bluetooth beacons. Responsible for the development of the 365Pocket Android app, an offline-first activity tracking app for smaller scale farms. To be able to continue our successful collaboration after the freelance contract ran out, the company hired me as a full-time employee.
- Dachzeltnomaden. Development of a visitor app for the Dachzeltfestival, an annual outdoors/travel festival. I'm developing the app using Flutter, both for Android and iOS. The app is an open source project.

**01/19 – 09/20** — 365FarmNet, Berlin. Senior Software Engineer (Android). For projects, see above.

**08/17 – 04/18** — Frachtraum, Berlin: Senior Software Engineer. Lead the development of the Frachtraum Driver App that digitized all paperwork related to truck shipments, offers dedicated truck turn-by-turn navigation and tracks the truck's location and ETA.

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| 01/15 – 08/17 | [Teamplace GmbH](), Berlin: Senior/Lead Android Developer. Lead the development of [Teamplace Android](), a cloud storage solution built for teams. |
| 11/12 – 12/14 | [Cortado AG](), Berlin: Android developer. Developed [cloud printing](), [cloud storage]() and [MDM]() solutions. |
| 09/13 – 04/14 | Full time dad: Travelled New Zealand and South Korea with my family during my paternal leave. |
| 05/12 – 11/12 | Freelance Android developer. Developed multiple Android apps, including a video app for wedding photographers and an augmented reality app for the Vienna city council. |
| 11/11 – 04/12 | Akaparis GmbH, Berlin: Android developer. Start-up that was spun off the MAGUN project. Main developer of [HyFlyr](). |
| 11/10 – 10/11 | [Beuth University](), Berlin: Working student in the research project [MAGUN](). |
| 06/10 - 11/10 | [North West Geomatics](), Calgary, Canada: Intern in the software development team of [Valtus](), a web-based platform for the delivery of aerial imagery. |
| 01/10 - 06/10 | [PACE Aerospace and Engineering GmbH](), Berlin: Working student in QA team. |
| 07/09 - 11/09 | [IVU Traffic Technologies AG](). Berlin: Working student in software development team. |
| 01/09 - 06/09 | [Efkon Germany GmbH](), Berlin: Working student in development team for satellite based telematics systems. |
| 08/08 - 09/08 | [AED-SICAD AG](), Berlin: Intern in the software development team. |

## EDUCATION

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| 04/11 - 07/11 | [Beuth University](), Berlin: Bachelor thesis on "Indoor Positioning using NFC Tags": Evaluating the use of NFC transponders for indoor navigation and indoor location based services. Developed a demonstrator app, [TagLocate](). Thesis grade 1.0 (eq. A/A+), overall grade 1.9 (eq. B). |
| 10/08 - 09/11 | [Beuth University](), Berlin: Studies of [Geoinformation](). Contents (selection): GIS, geodatabases, location based services, software development, surveying (theory and techniques), cartography, remote sensing. |

## LANGUAGES

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| German | Native speaker. |
| English | Fluently spoken and written. |
| French | Used to be good |

## PERSONAL INTERESTS

Hiking. Photography. Fishing. Cooking. Most of all: Traveling – spontaneously, with light baggage and open eyes. Whether it's exploring the Brandenburg backcountry over the weekend, backpacking in remote places like Kyrgyzstan or going on a 6 month road trip through New Zealand with a baby: Getting out regularly is what matters and keeps my mind fresh and productive.

## REFERENCES

I will be glad to provide references upon your request.