

Moj Abubakr

Software Engineer (Android)

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I'm a Software Engineer from London, specializing in Android development. I have experience working in rapid delivery agile teams, building robust, scalable, world class Android applications. I have experience leading and working with both in-house and remote teams to deliver beautiful, high quality working software. I embrace and advocate TDD, agile principles and DevOps/continuous integration culture. I'm also big on functional programming, architecture and Kotlin and enjoy continuously learning new technologies and ways of working.




I graduated from London South Bank University with a BEng 1st class honours in [Computer Systems & Networks Engineering](#). I currently work at The App Business, a London based app agency. I've worked for several high profile clients such as Ford, MetOffice and Tesco.

Skills

- **Kotlin** / Java / C++ / Android SDK, libraries & frameworks / **Android Things** / Gradle / Git / Jira / Slack / Google Play Developer Console / TeamCity / Travis / Codecov / Jenkins / Charles / Postman / Functional Programming.
- Actively practice and advocate **TDD** / BDD using JUnit / Mockito / Robolectric / Truth / Espresso / Spoon / JGiven.
- **Dagger**, **RxJava**, **Retrofit**, **GraphQL**, Architecture Components, Butterknife, AutoValue, Timber, SQLite, Room, Google Analytics. Frequent use of **MVP Clean/MVVM/MVC** architectural patterns.
- Strong experience in all parts of the **development lifecycle**; Inception, Elaboration to Construction and Transition.
- Adobe Photoshop / Sketch / Adobe Premiere / [film-making](#) / [photography](#).

Work

June 2016 - Current | Software Engineer (Android) | The App Business - *"The App Business is a mobile solutions company: we re-imagine the business and operations of the world's leading organisations through mobile."*

	Tesco. Leading development on Tesco's new home grocery app (not yet released). Currently features 20%+ Kotlin , and use of the new architecture components .
	MetOffice weather app. App currently has a 4+ star rating and over 3,000,000 total downloads across Android and iOS. Features implemented include widgets, weather snapshots, weather warnings and the construction of a mapping SDK.
	GoDrive by Ford Motors. Rapid iteration on Ford's car hire service. Features implemented include user accounts, search, on street and hub parking functionality.

- Pitching to clients. Delivering technical and non-technical presentations to stakeholders and team members. Mentoring and leading junior members of the team. Active participation in recruitment and growth of our Android specialists.

References

TAB Insights - *"One of our Android devs, Moj, shared an amazing product story - drilling into the detail of what moves a project from good to great. Moj's story was about how labels are positioned in the Met Office app we built. Two things struck me during that presentation; the first was how Moj's brilliant explanation of complicated algorithms to a largely non-technical audience using just a whiteboard; he obviously had a very strong understanding of the subject matter. The second was the amount of work that went into a feature that no user was ever going to think about, but which improved the experience for everyone. It was a fantastic story I found really inspiring."*

Medium - *Blog post on Android Things, Google's IoT platform.*

IBM - *Winning team for the IBM Bluemix Hackathon held at LSBU.*