

# 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'm particularly interested in AI and machine learning, and learn as much as I can about the subjects in my spare time.*




*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 Things** / Gradle / Git / Jira / Slack / Google Play Developer Console / TeamCity / Travis / Codecov / Jenkins / Charles / Postman / Functional Programming / **TDD** / BDD / JUnit / Mockito / Robolectric / Truth / Espresso / Spoon / **JGiven** / **Dagger** / **RxJava** / **Retrofit** / **GraphQL** / Room / Architecture Components / Butterknife / AutoValue / Timber / SQLite / Google Analytics / **MVP Clean** / **MVVM** / MVC / Adobe Photoshop / Illustrator / 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."*

	<b>Tesco.</b> Leading development on Tesco's new home grocery app (not yet released). Currently features 20%+ Kotlin, and use of the new Architecture Components.
	<b>MetOffice</b> 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.
	<b>GoDrive</b> 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.*