

Moj Abubakr @mojroid

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I'm a Software Engineer specializing in Android from London. I'm very interested in current trends and the future of technology including wearables, VR, AR, AI/machine learning, automation, design and IoT. 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.

Skills

- Java / C++ / Android SDK, libraries and frameworks / Android Studio / **Android Things** / Gradle / Git / Jira / Slack / Google Play Developer Console / TeamCity.
- Embrace Agile principles and devOps / continuous integration culture.
- Adobe Photoshop / Sketch / Adobe Premiere / film-making / photography.
- Commonly practice TDD / BDD using Espresso / JUnit / Mockito / Powermock / Robolectric / Truth.
- Practical experience of the development lifecycle; Inception, Elaboration to Construction and Transition.
- Common libraries used: Dagger 2, RxJava, Retrofit 2, Butterknife, AutoValue, Timber. Tend to use the MVP Clean architectural pattern.
- Currently learning Agera, Kotlin, Go, Spring Boot, Wear, Sketch and Calabash in my spare time.

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."*

- Project: **GoDrive** by Ford Motors. Features implemented include user accounts, search, on street and hub parking functionality.
- Project: **MetOffice** weather app. Features implemented include widgets, weather snapshots, weather warnings and the construction of a mapping SDK. App currently has a 4.2 star rating and over 2 million total downloads across Android and iOS.
- Pitching to clients. Mentored / led junior members of teams. Hand in recruitment side and growth of our Android specialists.

Personal Projects

List of personal challenges I take on to aid my learning as a developer outside of work commitments. These challenges have a set deadline of 1 month from start to finish.

Android Things - IoT Weather Display. - *An Android Things prototype application that displays live weather using the DarkSky API. Originally developed on the Raspberry Pi 3 with the Rainbow HAT. Blog post on the project can be found [here](#).*

Will It Rain? - *"Find out when it will rain near you. Get information for every minute of the next hour, or every hour for the next 7 days; Powered by Dark Sky."*

PAD - Public Anonymous Diary. - *"The PAD is a social platform for everyone. Share your stories with the world and be part of the global stream. No logins to mess with, so it's easy to get started in seconds."*

TIK - Easy Buy. Easy Sell. - *"The local buying and selling platform. Sell & buy locally - No login required!"*

Education

London South Bank University | BEng Computer Systems & Networks Engineering | 2013 to 2016

Graduated with a 1st class honours degree.