

MAHMOUD ABDURRAHMAN

MOBILE SOFTWARE ARCHITECT

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PROFILE

A passionate mobile developer, and a tech savvy with over **9 years** of expertise in **Android** and **iOS** apps and more than 10 years in the IT industry.
I have moved between multiple technologies (Android, iOS, Python, Node, Ruby) under **agile environment**, setup Jenkins as **CI** and Fastlane as **CD** for many of my projects.

LANGUAGES

ARABIC ██████████
English ██████████

INSIGHTS

- 9 YEARS** focused mobile development
- 13 ANDROID APPS** published on PlayStore
- 5 IOS APPS** published on AppStore
- 15 AUTOMATION SCRIPT** created and dockerized
- 6 CODE CHALLENGES** authored for mobile candidates
- 60 MOBILE CANDIDATES** interviewed and hired



READING

PLAYING SQUASH

EXPLORING HISTORY

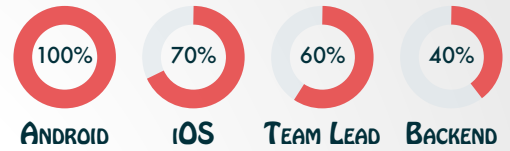
SURFING NEW TECHNOLOGIES

RESEARCH AND DEVELOPMENT

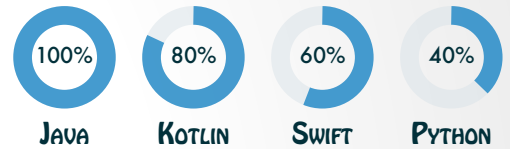
HOBBIES

SKILLS

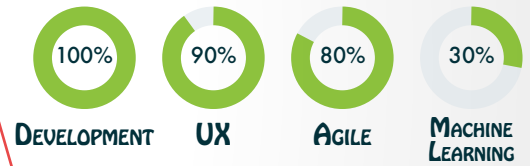
ROLES



PROGRAMMING LANGUAGES



AREAS OF INTEREST



PROJECTS



Virgin Mobile UAE

The next generation of telecom self-care mobile client for Virgin Mobile Middle East and North Africa, a large scale application consists of more than 100 screens.

Android, Java, 500k+ installs, team lead, clean architecture, MVVM, reusable components, Fastlane CD, agile, Leakcanary, Crashlytics, Instabug, credit card payments, deep linking



Virgin Mobile Saudi

An app that lets the customers manage their Virgin SA account where and when they want. Top-up, store, pay their bill, get bundles and way, way more.

Android, Java, 100k+ installs, team lead, clean architecture, MVVM, reusable components, Crashlytics, Leakcanary, credit card payments



Rendy

Stay Tuned

With Rendy, you can see doctors' open appointment times and book instantly online, make informed choices with verified reviews, and stay on top of important check ups.

Android, Kotlin, clean architecture, MVP, Dagger DI, functional programming, reusable components, unit tests, Material design, Crashlytics



Haddaf

A leading application for soccer fans in Arabia. Users receive all the latest football news, live results, highlights. A robust gamification model is developed to enable user gain points.

Android, Java, 100k+ installs, team lead, clean architecture, reusable components, Crashlytics, Leakcanary



EXPERIENCE

2017-PRESENT

Crossover (Remote)

Android Software Architect

Responsible for Android/iOS pipelines quality, designing auto-graded hands-on projects, creating subject matter tests (MCQs), interviewing the shortlisted candidates for marketplace hiring.

2015-2017

Aurea via Crossover (Remote)

Mobile Software Engineer

Responsible for maintaining Android/iOS Mobile Applications for MessageOne's Email Management Services.

2012-2016

Startappz (UAE, Jordan, Egypt)

Android Application Team Lead (on-site and remotely)

Sr. Android Application Developer

Leading Startappz Mobile Application Team, responsible for Android applications architecture/developing.

2010-2012

Telecomax Group (Egypt)

Mobile Application Developer

Developing and maintaining many Android and iOS projects, providing training for other junior developers, presenting the company in multiple ICT tragefair events.

KNOWLEDGE & SKILLS

Areas of Focus: mobile applications, clean architecture, software development practices, scrum

OS: macOS, Linux and Windows

Programming Skills: Java, Kotlin, Swift, Objective-C, Python, JavaScript, Ruby, PHP

Platforms & Frameworks: Android, iOS, Flutter, React Native, NodeJS, AngularJS, Cordova, PhoneGap, Spring, Hibernate, Ruby on Rails

Tools: Android Studio, Xcode, IntelliJ, eclipse, Git, Jenkins, Travis, Fastlane, appium, Docker, mongoDB, Sketch, Illustrator, Photoshop

Other Areas of Interest: startups, UX, automation, machine learning, AI, cloud, security, big data

PROFESSIONAL EXPERIENCE

Crossover (Remote) - Since May 2017

Android Software Architect

Responsible for Android/iOS pipelines quality: designing the hands-on challenges for mobile candidates, automating the hands-on grading process, creating Subject Matter tests (MCQs), generating lots of reports to ensure the quality metrics, authoring algorithm code problems, and finally, interviewing the shortlisted candidates for Marketplace hiring.

Aurea via Crossover (Remote) - May 2015 until May 2017 [2 years]

Mobile Software Engineer

I was responsible for maintaining both Android/iOS mobile applications for MessageOne (acquired by Aurea), increase their business code coverage, develop their UI automation tests using appium framework, setup their Jenkins CI environments, and integrate Jenkins CI jobs with AWS Device Farm service to ensure they are executed as part of the production release pipeline. There were basically 2 applications:

- **AMS Email** - Android, iOS (hybrid)
Brings robust email management and crisis communication capabilities that expand Aurea's Customer Experience solutions.
- **Aurea AlertFind** - Android, iOS
Instantly send/receive crucial info on any device to protect employees during a crisis, as well as when systems go down which will auto-escalate until the issue is resolved.

Startappz (UAE, Jordan, Egypt) - Sep 2012 until Oct 2016 [4 years, 1 month]

Android Application Team Lead (on-site and remotely)

Sr. Android Application Developer

In Startappz, I started as a senior Android developer and later I lead the Android team and was responsible for choosing the best technology stacks and setting up code conventions and team practices. Some of the most interesting projects I took part:

- **Virgin Mobile UAE** - Android (10 months)
The next generation of telecom self-care mobile client for Virgin MENA.
- **Virgin Mobile Saudi** - Android (1 year, 5 months)
An app that lets the customers manage their Virgin SA account where and when they want.
- **SABB Staff** - Internal Android App (6 months)
An internal social communication network app for SABB (HSBC) Saudi.
- **Haddaf** - Android (1 year, 6 months)
Haddaf is a leading application for football fans in Arabia.
- **Vanilla Shop** - Android (6 months)
A full eCommerce platform to provide customers the ability to order online and get their luxurious brands home.

Telecomax Group (Egypt) - Jan 2010 until Sep 2012 [2 years, 9 months]

Mobile Application Developer

In Telecomax, I was hired primary as a Java developer for telecom VAS products but I then chosen as the main mobile developer using J2ME for old featured and Symbian based handheld devices, and then transferred to Android and iOS based smartphones and was responsible for setting up the new mobile development team. A few examples from the multiple projects developed:

- **Vodafone Literacy App** - Android, iOS, and J2ME (4 months)
Vodafone Egypt Foundation launched a national initiative to eradicate illiteracy, has been designed and developed to enable learners to practice their newly acquired literacy skills in an interactive way.

EDUCATION

B.Sc., Faculty of Science

AIN SHAMS UNIVERSITY (2004-2008)

ESSAY GRADE: EXCELLENT

GRADUATION PROJECT GRADE: EXCELLENT

CERTIFICATES

ORACLE CERTIFIED PROFESSIONAL JAVA PROGRAMMER (OCPJP 310-065)

TOOLS & FRAMEWORKS



Android Studio



Xcode



Jenkins



appium



AWS Device Farm



docker



Java 8



Kotlin



Swift



fastlane



IntelliJ



eclipse



GIT



Gradle



Angular



ReactiveX



mongoDB



Sketch