Mohamed Nabil

Professional Mobile Developer

A Mobile Team Leader with more than 6 years of professional experience. I worked on developing and delivering many enterprise-grade mobile apps. I involved in building and structure many teams and processes in different scales. I delivered large scale apps for many international companies e.g. Vodafone, Saudi Airlines, Sixt, Petronas, London Cab Company and Mobily telecom company.

Personal Info

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Military Service
Exempt

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Skills

Skill	Rating
Android	●●●●●
iOS	●●○○○
Firebase	●●●●●
Java Standard Edition (Java SE)	●●●●●
Kotlin	●●●○○
Objective-c	●●○○○
Swift	●●●○○
ReactiveX	●●●●○
Xamarin forms	●●●○○
Tizen Wearable	●●●○○
Android Architecture Components	●●●○○
MVP	●●●●●
MVVM	●●●●○
Uncle Bob Clean Architecture	●●●○○
Fabric services	●●●●○
Functional Programming	●●●○○

Education

2014 - 2017

Arab Academy for Science, Technology & Maritime Transport (AAST), Computer Science, Master Degree
- Accumulative Grade: 3.83 / 4.0 (degree with honor).
- Thesis Title: Enhancing indoor localization using IoT techniques.

2012 - 2013

Information Technology Institute (ITI), 9-Month diploma, Mobile Application Developer, Diploma of Mobile Application Developing
- Ranked 2nd.

2008 - 2012

Higher Technological Institute – Tenth of Ramadan City, Computer Science, Bachelor of Computer Science
- Accumulative Grade: 3.98 / 4.0 (degree with honor).
- Ranked 1st.
- Graduation Project attained: Wi-Fi advertising System.
- Project Grade: Excellent.

Experience

09/2018 - present

Android Team Lead
SBM Egypt (Outsourced to Mobily Telecom Co.)
- Rewrite and redevelop the main Mobily customers app based on the Android Clean Architecture.
- Help in solving bugs and issues which help the management team achieve the marketing targets issues free.
- Write full test cases for the project which increased the quality of the application.
- Help the team to use new technologies through knowledge transfer.
- Provide day-to-day leadership and supporting of the mobile team.
- Study new opportunities for mobile applications.
- Collaborate closely with product and design teams to create innovative user interfaces and features, optimized for mobile platforms.
- Research and validated key technology decisions for our core applications and customer facing offerings.

Projects : Mobily Customers App and Taf'eely App.

05/2018 - present

Technical Consultant (Part Time)
DotMasr Marketing Agency
- Manage the company teams (web, mobile, design, and testing).
- Introduce management tools and methodologies to the development team.
- Provide a technical training for the development team.
- Build a complete workflow process for the company.
- Introduce SCRUM and Continuous Development processes.

Skill	Level
Java Enterprise Edition (Java EE)	●●○○○
Flutter	●○○○○
C++	●●○○○
Python	●●○○○
Node.js	●●○○○
Node-RED	●●●○○
Resin.io	●●○○○
ResinOS	●●○○○
Apache webserver	●●●○○
Git	●●●●●
TFS	●●●●○
Jenkins CI	●●●○○
Docker	●●○○○
Restful Web Service	●●●●●
AWS EC2	●●●●○
AWS S3	●●●●○
Azure	●●○○○
MySQL	●●●●○
GraphQL	●●○○○
CouchDB	●●●○○
InfluxDB	●○○○○
Affectiva	●●○○○
Linux	●●●○○
Mac OS X	●●●●○

⚑ Languages

Language	Level	
Arabic	●●●●●	Native Language
English	●●●●○	Fluent

- Follow up with the development team and provide any support when needed.
- Separate the management and the development teams.
- Solve the team issues and make sure teams working together smoothly.
- Manage the cloud hosting accounts and the mobile apps stores.
- Help the management with hiring new resources and the selection process.

Projects : Metrvocato

01/2018 - present

External Trainer
Information Technology Institute
- Help the ITI stuff to develop new courses which meet the market requirements.
- Prepare the course syllabus and materials.

Courses : UI and UX for Mobile Developers, Kotlin for Android Developers.

03/2016 - 09/2018

Team Leader, Innovation Team
Abou Ghaly Motors
- Increase the London Cab trips from mobile devices from *13%* to *60%*.
- Provide day-to-day leadership and supporting of the mobile team.
- Collaborate closely with product and design teams to create innovative user interfaces and features, optimized for mobile platforms.
- Stay up-to-date on Android/iOS platform and ecosystem developments.
- Help push the boundaries of what is possible in a mobile UI.
- Involved in many research projects and new technologies exploration.
- Developed, enhanced, and debugged software applications that support external clients as well as internal business units or supporting functions.
- Study new opportunities for mobile applications.
- Analyzing the market trends for creating next-gen mobile applications.
- Profiled and helped optimize the code to get the best possible performance across various devices.
- Research and validated key technology decisions for our core applications and customer facing offerings.
- Supported system integration, component integration and user acceptance testing.

Projects : Petronas Customers App, *CHIP, AGM Attendance App, AGM Customers App, Tracking SDK, SMS Verification SDK, Limozeenak App, Mandoob Online App, Petronas Sales Force App, London Cab Driver App, London Cab App.*

03/2015 - 02/2016

Team Leader, Mobile Team
Simplative Technology Solutions
- I interact with our customer base as well as own a few products.
- I lead the product strategy through to development and deployment, working with leaders in business from sales, marketing, operations, and development.
- I write and prioritize requirements and manage and facilitate the product development life cycle, from inception to release to review.
- Working alongside R&D to iterate on product concepts.
- Brought SDLC best practices to our web and mobile applications development teams.
- Collaborated with UI and UX team to make application user friendly.
- Collaborated with external designers to coordinate delivery of software application.
- Contributed to the design and development of mobile software libraries,

tools and applications.
- Collaborated with internal and external teams such as Product Managers, QC Testers.

Projects : *Intercom Portal, ZoomIn Aqar Portal, Nutty Scientists Game, EgyptTrust Portal, Revival Portal, Articulate App.*

09/2014 - 03/2015

Senior Mobile Developer(Acting as Team Leader)
LinkEgypt
- Lead the mobile team to handle large scale eCommerce systems.
- Help the company meet the strict delivery dead lines.
- Collaborated with UI and UX team to make application user friendly.
- Contributed to the design and development of mobile software libraries, tools and applications.
- Collaborated with internal and external teams such as Product Managers, QC Testers.
- Helped Post Production support and bug fixes.
- Implemented and tested core components.

Projects : *XRetail E-Commerce App,* Saudi Airlines Cargo Company App

08/2013 - 09/2014

Senior Mobile Developer(Acting as Team Leader), Innovation Team
Telecomax Group
- Build a mobile team from scratch.
- Lead the company to higher revenue.
- Help the company to deliver a critical project to large companies like (Vodafone, Orange).
- Participated in the design, development, and implementation of complex server and mobile based applications.
- Supported, maintained, and tested software applications that support external clients as well as internal business units or supporting functions.
- Worked with operations team to ensure smooth deployment of product releases and updates.
- Worked closely with designers, artists and other developers to expand and tune our product offering for the mobile arena.

Projects : *Augmented Reality (AR) App, Vodafone illiteracy App, Vodafone Health and safety, Vodafone Visually Impaired App.*

09/2006 - 09/2010

Founder and Technical Manager
Vision Advanced Systems
- Help many businesses to build their web presences.
- Host and manage more than 1000 website.
- Design many complicated websites.
- Host large scale websites with more than 10000 unique visitors per day.
- Optimize and maintain Apache and MySQL servers.
- Manage dedicated and virtual private servers for many clients.
- Plan and manage the technical teams from different backgrounds.

⭐ Additional Activities

2018

One Million Arab Coders
Tutor (Android Developer Track)
http://www.arabcoders.ae/en/

2016	**Google**
	Study Group Leader
	Google Mobile Application Launchpad, Cohort C,
	https://www.mobileapplaunchpad.com.eg
2012 - 2013	**ITI**
	Java mobile developer track leader
2008 - 2012	**Higher Technological Institute**
	President of student union and Ideal student
2004	**Ministry of Education - Saudi Arabia**
	First place in the competition of Information Technology

Certificates

| 2011 | Oracle Certified Professional Java SE Programmer |
| 2015 | IBM Business Intelligence Analyst, https://goo.gl/JcPy2L |

Conferences

| 10/2016 | 5th International Conference on Multimedia Computing and Systems (ICMCS'16) |
| 09/2017 | The 3rd International Conference on Advanced Intelligent systems and Informatics (AISI2017) |

Publications

| 10/2016 | A New Kalman Filter-Based Algorithm to Improve the Indoor Positioning – IEEE, http://ieeexplore.ieee.org/document/7905588/ |
| 09/2017 | Enhancing indoor localization using IoT techniques – Springer International Publishing AG, https://link.springer.com/chapter/10.1007/978-3-319-64861-3_83 |

Courses

| 2015 | Data Mining Specialist, the University of Illinois at Urbana-Champaign |

Interests

Explore New Technologies

Traveling

Watching Movies