

# Ahmed Elshaer

Ahmed ■ Elshaer ■ Egyptian ■ Degla, Maadi, Egypt ■ +201003614667 ■ ahmed3elshaer@gmail.com  
■ <https://ahmed3elshaer.github.io/>

## PROFILE

Ahmed is from Cairo, Egypt where he works as an Android engineer at Flare, leads the mobile development team. He has 4+ years experience as an Android Engineer with a focus on location-based applications, software architecture, user experience design, gamification, supporting the developers community, making Android courses , studies machine learning and MOOCs .. In his spare time he is a guitarist, writes tech articles and dedicate time for updating himself with latest technologies.

## WORK EXPERIENCE

- |                                     |   |                          |
|-------------------------------------|---|--------------------------|
| <b>Cognitev</b><br>Remote           | <b>Android Lead Engineer</b> <ul style="list-style-type: none"><li>• Consulting and managing the iOS Team</li><li>• Putting the ground rules for the MVP phase and deliver it within 3 months.</li><li>• Help with the recruitment process</li><li>• Develop and documenting the whole Mobile team technologies and frameworks.</li><li>• Heavily involved with the Video recording and playback in the App.</li><li>• Leading the Mobile Team.</li><li>• Creating custom UI elements for a great design and usability</li><li>• Building the ground of the app architecture.</li><li>• Unit-Testing the whole app and make it fully documented.</li><li>• Using GitFlow with Jira and BitBucket.</li><li>• Integrate with Firebase for Auth and CloudFunctions.</li><li>• Creating documentation for the whole app architecture decisions and the workflow.</li><li>• Collaborate with cross-functional teams to define, design, and ship new features.</li><li>• Continuously discover, evaluate, and implement new technologies to maximize development efficiency.</li><li>• Developed the part of the applications separated by the team leaders, and helped other members of the team to test and debug the codes.</li><li>• Made decision on the design and implementation of some parts of the applications developed by the team.</li><li>• Unit-test code for robustness, including edge cases, usability, and general reliability.</li><li>• Work on bug fixing and improving application performance.</li></ul> | <b>10/2019 – 01/2020</b> |
| <b>LintSchool</b><br>Cairo<br>Egypt | <b>Co-Founder , Instructor , Content Creator , Designer</b> <ul style="list-style-type: none"><li>• Compose daily active learning materials.</li><li>• In charge of administrative tasks.</li></ul>   | <b>11/2019 – present</b> |

## WORK EXPERIENCE

- Responsible for mentoring junior students in groups.
- Create and manage the content in the whole school tracks , like Android , iOS Tracks.
- Managing the whole teaching process
- Design the website and social media posts.
- Mentor junior developers and take their career experience to the next level.
- Gamifying the whole content to be more enjoyable and fruitful.

**SnapBuy Remote Android Engineer 05/2019 – present**

- Creating an MVP for an existing iOS version
- Consulting the mobile team
- Developing the app architecture
- Implementing Fluid app Navigation like Snapchat
- Integrate RxJava as a reactive approach for the whole real-time features
- Structuring chat experience with Firebase realtime data base
- Optimizing memory and UI performance
- Make an intuitive experience with caching for the image browsing

**Flare Technologies GmbH Cairo Germany / Egypt Android Engineer 11/2017 – 04/2019**

- Design and Developing the Android app from scratch.
- lead the mobile development team.
- Research and creating user personas and making design sprints for the app idea.
- UX writing the app, then creating wireframes and interactive prototypes.
- Create from the ground up a solid Architecture that can be testable and scalable and bug free implementation.
- Used the latest Android Material Design components in UI Development with smooth Animations.
- Kept everything separated as possible with the help of Dependency Injection frameworks.
- A completely reactive and functional code base with the Android Architecture components and lifecycle.
- Created Firebase Cloud Functions NodeJS APIs for the apps.
- Developed Machine Learning traffic prediction for our bus lines.
- Develop a Spotter app - a person who spots any bus in the field developed with the same technology as Flare app.
- Develop a Driver app for bus drivers with realtime tracking for lines and trips.
- Setup and oversee the Development Lifecycle.
- Help improve and analyze the Product Design.
- Help in the recruitment process of the needed team members.
- Handle highly stressed situations and unexpected errors in an efficient manner.
- Implement Bluetooth interface for Android Navigation System.

## WORK EXPERIENCE

**M04 Network**  
**Cairo**  
**Egypt**

**Android Engineer**

**06/2016 – 11/2017**

- Responsible for Developing ideas came up with the Creative team as an Android App from scratch.
- Integrate with NodeJS APIs.
- Collaborate with cross-functional teams to define, design, and ship new features.
- Continuously discover, evaluate, and implement new technologies to maximize development efficiency.
- Work on bug fixing and improving application performance.
- Migrate the existing app to fully support Kotlin.
- Build a client chatbot in a native Android app.
- Integrating with DialogFLOW.
- Designing and implementing core food ordering applications and participating in internal software development projects .
- Developed automated process for inventory.
- Experimented with a variety of languages and frameworks.
- Analysis of business requirement.

## EDUCATION

**Faculty of**  
**Electronic**  
**Engineering,**  
**Menoufia**  
**University**  
**Egypt**

**Computer Science Engineering**  
Kind of dropped out from education

**2013 – present**

## SKILLS

Java

Android

Teamwork

Team Leadership

C++

Python

MOOCs

Self Learning

Algorithms

Chrome OS

Linux

Google Apps

Illustration

Presentation Skills

Problem Solving

Software Engineering

Gamification

Event Planning

Public Speaking

Experienced Speaker

Material Design

Volunteer Management

Handmade

Social Skills

Social Engineering

Leadership

Mobile Applications

Android Development

User Experience

Unit Testing

Ability to learn from mistakes

Ability to prioritize

Adapting

Artistic

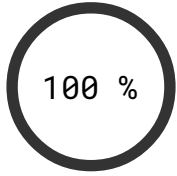
Influencing

Fixing

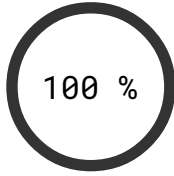
Debugging computer programs

kotlin

## LANGUAGES



English



Arabic

## VOLUNTEERING

**Android Student  
Club Program by  
Google  
Shibin Elkowm  
Egypt**

**Android Instructor / Judge**

**03/2015 – 06/2015**

Android Club's main goal is for students taking the online Android Fundamentals course to meet in person after completing the week's lesson to discuss the content, work through challenges, and receive project guidance.

- Schedule: 1x week for 6 weeks, followed by a 7th meeting for sharing final projects.
- Handling student with the computers and performed on the syllabus of computer science.
- Leads each session by illustrating Android Content for beginners and recap last weeks.
- Offer guidance and tutor students .
- Providing new ideas and new technology to students.
- Creating fun educational programs.
- Developed classroom programs, conducted workshops, instructed students according to lesson plans.
- Evaluated students progress.
- Lead advanced trainings and workshops/events.
- Deliver high quality presentations.
- Kick-off each session with a 15-min overview presentation of the last week's materials
- Address student questions and provide guidance to the students with their projects
- Track student attendance Report back to Google through the Android Club feedback form

**Google Student  
Ambassadors  
Cairo  
Egypt**

**Ambassador**

**07/2014 – 06/2015**

Google Student Ambassadors program offers university students around the MENA region the chance to receive training from Googlers on various areas of work and knowledge

- Lead technical sessions about Google products and also non-technical sessions.
- host events at university campuses in order to share our knowledge with our fellow university students.
- Introduce many helpful tools which can improve the quality of their life and education.

## PUBLICATIONS

Ahmed ELshaer **Don't get stuck (An Advice in Learning Programming)**  
<https://medium.com/@Ahmed3Elshaer/dont-get-stuck-an-advice-in-learning-programming-f0d0be61b95c>

## SKILLS

### Android

|                      |      |
|----------------------|------|
| Kotlin               | 80%  |
| Reactive Programming | 60%  |
| Android Architecture | 80%  |
| UI Development       | 100% |
| Automation Testing   | 60%  |
| Algorithms           | 80%  |

## SOCIAL MEDIA



@Ahmed3Elshaer /Ahmed3eIshaer /ahmad3eIshaer



Personal Website



@Ahmed3Elshaer



Medium

## STRENGTHS

Location based applications

Gamification

UX

Teaching

Self-driven