

Seif Eldin Mohamed Ahmed

Android Software Engineer

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🐙 GitHub ▶ Google Play

SUMMARY

- Talented Android Software Engineer with **+4 years** of hands-on experience in Android development.
- Currently working as an **Android Software Engineer I & II at Banque Misr**, contributing to the development of **BM Online App**.
- Experienced in working within **multinational teams** utilizing **Agile methodologies** to deliver high-quality features.
- **Android Instructor** for **Ministry of Communications and Information Technology (MCIT)** in Android Diploma.
- **Android Mentor** for Banque Misr in their summer internship program.
- **Android Instructor** for the Android Scholarship offered by **AMIT and Orange Digital Center (ODC)**.
- **Android Instructor** for +50 students in the Android Workshop at the **Google Developer Student Club (GDSC)**.
- Successfully built **6 original apps** on the **Google Play Store**.

Professional Experience

10/2022 – present	Android Software Engineer I & II, Banque Misr <ul style="list-style-type: none">• Working on BM Online App with more than 1 million users to build new features(Loyalty points, Offers, Notifications,), enhance performance, fix bugs, and provide a better user experience.• Improve BM Online App startup performance by 18% by attaching a baseline profile and adding a benchmarking module to measure app performance.• Conduct testing and debugging to ensure high-quality, bug-free releases.• Adding Compose Preview Functions in the BM Online app after fixing global issue preventing us from using it, leading to increased Development Speed, improved design and Debugging, and benefits for collaboration among all Android team members.• Preparing and presenting talks about the latest Android technologies and best practices to share them with all the Android team members.• Participate as an Android mentor, teaching, and sharing valuable knowledge and expertise with Android Software engineers during their summer internships.• I have received comprehensive training in banking businesses, agile methodologies, risk management, security, and technical sessions in advanced Android topics.	Cairo, Egypt
07/2022 – 09/2022	Android Software Engineer Intern, Banque Misr <ul style="list-style-type: none">• Worked with a senior software engineer on several projects to understand principles of clean code, clean architecture, code review, unit testing, using git, and much more.• Worked in an agile environment (Scrum) to produce a Clothes Shop app using advanced android technologies based on clean code, and architecture.	Cairo, Egypt

02/2022 – 03/2022	Android Engineer Intern, The Sparks Foundation ↗ <ul style="list-style-type: none"> Built a simple banking app by using clean Architecture and the latest android technologies. Evaluate my colleagues' projects and give feedback. 	Remote
01/2021 – 06/2022	Freelancer Android Software Engineer <ul style="list-style-type: none"> Successfully developed and maintained apps for different clients and published some on the Google Play Store. 	Remote
06/2021 – 02/2022	Android Software Engineer Scholarship, Andela <ul style="list-style-type: none"> Mastered in-demand Google developer skills with expert-authored Pluralsight content. Carried out code reviews of my peers to improve code quality and standards. 	Remote

Skills

Technical Skills:

- *kotlin, Java, OOP, SOLID Principles, Design Patterns*
- *Activities, Fragments, Compose*
- *Services, Broadcast Receivers, Content Providers*
- *Shared Preferences, DataStore, ROOM*
- *RESTful APIs, Retrofit*
- *Coroutines, Work Manager, Alarm Manager*
- *Live Data, Kotlin Flow*
- *Navigation Component, Paging*
- *Dependency Injection with Hilt*
- *Google Maps, Geofencing API*
- *Unit Test (JUnit, Mockito, Mockk), UI Test (Espresso)*
- *Camera X, Notifications*
- *Modularization, Version Catalog*
- *Benchmarking, Baseline Profiles*
- *Firebase*

Agile Project Management Tools

- *Jira*
- *Trello*

Version Control:

- *Git, GitHub, GitLab, Azure*

Architecture Patterns:

- *MVC, MVP, MVVM, MVI, Clean Architecture, DDD*

Tools

- *Android Studio, IntelliJ IDEA, Adobe XD, Figma*

Projects (Some)

Books Island App, (Graduation Project) [↗](#)

The app's main goal is to make use of used or new books that would otherwise be thrown away by allowing people to sell, donate, exchange, or auction them at low prices.

Compose Stock Market App [↗](#)

A Stock Market App built with Compose and MVVM Clean Architecture.

Distance Tracker App [↗](#)

It's an app that is able to track users' location and track the distance which user travels. it uses foreground service and it will track users' location even from the background when we kill our app.

Eshraqh [↗](#)

It's a freelance project where the client wants an app to help Muslims keep their worship (Pray, Quran, Azkar) by monitoring their performance and showing encouraging messages according to their score.

Food Recipe App [↗](#)

Food Recipes application, where we can browse recipes from various different kinds of meal and diet types.

Zamalkawy Ana

Zamalkawy Ana is an application that shows the news of Zamalek club and information about its players and for the first time the entire history of Zamalek club, in addition to a collection of the best Zamalek songs.....etc.

Education

Graduated from Faculty of Computers and Artificial Intelligence - Cairo University

GPA: 3.1


Activities

08/2021 – 06/2023	Google Developer Student Club (GDSC), Android Head 	Cairo, Egypt
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02/2021 – 08/2021	Google Developer Student Club (GDSC), Core Team Member(Android Developer) 	Cairo, Egypt
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Certificates

21/08/2021	Participate in ECPC Contest, ICPC Foundation 
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12/2021	Android Instructor, Google Developer Student Club (GDSC)  The workshop was talking about the main concepts of Android Development and we aimed to learn students the basics of building Android apps with the Kotlin programming language and develop a collection of great apps.
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27/12/2020	First place in Android App Development Contest, Faculty of Computers and Artificial Intelligence - Cairo University 
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Languages

• Arabic (Native)	• English (Fluent)	• German (Intermediate)
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