

# Mahmoud Refaat

An experienced **Android developer**, I have studied Android native for over a year using Java and Kotlin. Additionally, I have studied flutter for three months and I have experience as an android development instructor.

## EXPERIENCE

### Ischool, Nasr City ,Cairo — Mobile Application Instructor , Part Time , Remotely .

Aug 2023- Present

- Teaching students between 8 to 18 years old mobile app development , And UI/UX Using figma .
- Instructing and leading sessions , facilitating student-centered learning experiences with a combination of pedagogical skills, technical skills in computer science for students.

### Route, Maadi ,Cairo — Android Developer Trainee , On site

Nov 2023- May 2024

- Leveraged advanced Android concepts like coroutines, threading.
- Implemented dependency injection using Dagger-Hilt.
- Implemented Room database,web services and APIs.
- Integrated Firebase services for real-time data synchronization and efficient user authentication.
- Utilized Google APIs like Google Maps and GPS to deliver location-based features.
- Applied MVI, MVP, and MVVM for structured and scalable app development.
- Leveraging Git/GitHub as a version control system .

### Potensia systems, Nasr City ,cairo — Light Current Engineer

Apr 2022- May 2023

- [Thanks letter](#) , From parrotel aquapark hotels for the installed CCTV and WIFI systems .

## SKILLS

- Android development (Java & Kotlin)
- Retrofit
- Dependency Injection
- Design Patterns (MVC , MVVM , MVI)
- Agile Methodology & tools (Jira )
- View Binding and data Binding
- Unit testing
- OOP & SOLID principles
- Android Jetpack compose (In progress)
- Figma
- Room DB
- Firebase
- Kotlin Coroutines
- Dagger - Hilt
- RX Java
- Git & Github
- REST APIs
- Third-party Libraries
- Navigation Component
- kotlin

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**Military Status: Completed-3/2022**

**Marital Status: Single**

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[Linkedin](#) [github](#)

## EDUCATION

**Thebes Higher Institute of Management and Information Technology**  
 , Maadi — bachelor of computer science

OCT 2016- JUN 2020

Overall degree :- Very good .

## COURSES

How to use JIRA , Nezam, Online  
 -May 2024.

Rx Java & REST APIs , coding with nerds, Online -Jun 2023 .

Android development with kotlin, Philipp Lackner , Online -May 2023

Flutter & Dart Complete Development Course , Tharwat Samy , udemy-Mar 2022.

Android development by Java ,Prabeesh , online - Mar 2019.

Android development ,Pixels Egypt - offline - Aug 2018 .

Java SE course ,[Mahara tech](#) -Jun 2019 .

Java SE , Appsstuff Solutions , online - Sep 2018.

UI/UX Design With Adobe XD [Udemy](#) -Sep 2018 .

## LANGUAGES

- English - very good

## PROJECTS

### ChatterBoxApp— [Available on Github](#) ( In Progress)

A user-friendly mobile application designed to provide seamless and enjoyable communication experiences.

Used tools :Kotlin, XML, Firebase Services, soiled Principles, Sealed classes.

### WorldNewsApp— [Available on Github](#)

Get curated articles from diverse sources and categories. Discover varied perspectives, personalized news, and a user-friendly interface for mindful consumption.

Used tools :Kotlin, XML, retrofit,Live data .

### Day Organizer— [Available on Github](#)

An Android application that helps users organize and manage their daily tasks, events, and appointments efficiently .

Used tools :Kotlin,XML, Room database,Leak Canary .

### Islamic app— [Available on Github](#)

An Android application that you can read Quran , Hadith and listen to islamic Radio .

Used tools :Kotlin, XML,Live Data, REST APIs, retrofit,Leak Canary .

### American Sign Language Translator — [Graduation project](#)

GPA : Excellent

Android application with java and machine learning used to capture the gesture of hand by mobile camera and interprets these captures into readable text .

### Life Organizer— [Available on Github](#)

Flutter App that organizes Your day by making a list of your day tasks .

By using sqlite and Bloc state management .

## EXTRACURRICULAR ACTIVITIES

### Tree, student Activity At cairo university — *Android Development Instructor*

Oct 2018- oct 2019

- Instructor for over 20 CS students and over 30 teaching hours & rewarded as a [Best Trainer](#) of the year .
- Develop and deliver effective presentations and sessions to help students learn and achieve their goals.

### ACM, Student Activity At Thebes Academy— *Contestant*

July 2018 - june 2019

- participated in The 2018 Thebes academy and El Shorouk Academy collegiate programming contest .
- [ACM Twenty First PlaceContestant](#) .

### Wildlife Conservation Hackathon, Hackathon At Arab Academy of Science — *Contestant*

Sep 2018 - May 2019

- Competing to develop a mobile app for wildlife conservation in a U.S. Embassy-sponsored contest.

### MUS, Student Activity At cairo university— *Head of Design Committee*

Sep 2017- sep 2018

- Design Committee team leader .
- Designed id,certificates , social media posts , flayer , banner