

# Ahmed Maged Kamal

**LinkedIn:** [LinkedIn](#)

**Phone:** +20 1142434195

Junior Software Engineer

**GitHub :** [Github](#)

**Email:** [ahmedmaged3k1@gmail.com](mailto:ahmedmaged3k1@gmail.com)

## Education

---

Bachelor of Software Engineering : **Computer and Information Systems** – 2019

**Ain Shams University**, Egypt

- Expected Year of Graduation: 2023

## Experience

---

### Android Software Engineer Internship

**Banque Masr** - 1 month. (August 2022)

- Working with senior software engineer on several projects to understand principles of clean code , clean architecture , code review , unit testing and using git
- Learned and used advanced android topics in sample projects according to clean architecture
- Worked in an agile environment ( Scrum ) to produce a coffee shop app using advanced android technologies and based on clean code , architecture with senior software engineer mentoring us

### Full Stack Web Developer , Internship

**Dnaaya Company at U.S embassy** - 2 month. ( Jan 2020 ~ Feb 2020 )

- Learned front end web development basics ( Html ,CSS ,JS) then moved to angular
- Learned Back end using node js
- Worked on food website

## Skills

---

- |                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>• Source Control as Git</li><li>• Dealing with Restful Api's</li><li>• OOP, SOLID principles, most used design patterns.</li><li>• Firebase</li><li>• SQL\NOSQL Databases</li><li>• Javascript</li><li>• Dependency Injection</li><li>• JSON</li><li>• English</li></ul> | <ul style="list-style-type: none"><li>• Deep knowledge of Java and Kotlin</li><li>• Clean code / architecture</li><li>• Threading</li><li>• Unit Testing</li><li>• Google Maps</li><li>• Familiar Agile enviroment ( Scrum )</li><li>• C/C++</li><li>• Problem Solving</li><li>• Html / CSS</li><li>• Adaptability and flexibility</li></ul> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Projects

---

**Ecommerce App ~Kotlin** : A Clean Architecture App that uses clean Architecture (app, presentation, domain, data) packages to use coffee items API using MVVM Architecture, Coroutines, Retrofit2, Pagination, Live Data, Data Binding, Hilt , SOLID Principles , Navigation Component , Room Db.

**Shoes E-Commerce Website ~:** built front end using html , CSS , JavaScript and for backend used node JS using typescript and express and mongo dB , also websites supports user authentication

**Uber App ~Java** : used firebase authentication and realtime database , Google maps and most common used design patterns (factory , singleton , repository )

**Image Filtering ~C#** Filtering and improving images based on taking the pixels and resorting them using algorithms in order to get the best quality of the picture using : Counting Sort , Quick Sort , Kth Element Sort Alpha Trim , Adaptive median , Z graph For plotting performance graph