

Asem Fathi

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SUMMARY

As a junior Android developer, I have a strong foundation in software development concepts and a passion for learning and growing in the field. I have experience working with Java programming language, as well as Android Studio and Git for version control. During my studies in computer science, I focused on mobile development and completed several projects related to Android app development. Overall, I am passionate about creating high-quality, user-friendly apps that meet customer needs. I am eager to continue learning and staying up-to-date with the latest trends and technologies in Android development, and I am excited for the opportunity to contribute to innovative and impactful projects.

EXPERIENCE

Android developer
Freelancer

February 2022 - Present, Remotly

PROJECTS

Online Shopping App

- The online shopping app is a android application for an online marketplace that allows users to buy products. The project is written in java, and using firebase.
- The application provides an easy-to-use interface for users to browse products, add items to their cart, and complete the checkout process. Users can create accounts, login, and manage their profiles. They can also add products to their favorites list and view their purchase history.
- The application includes an administrative panel where the site owner can manage products, orders, users, and other site settings.

Tic Tac Toe Game

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- Tic tac toe is a two-player game wherein the players will have to choose either X or O in a 3×3 grid.
- The first player can choose any position in the grid and both will get one move at a time, one after the other. The player who succeeds in placing three of their marks in a horizontal, vertical, or diagonal row wins the game. In the backend, the game will maintain a 2-D array to save the current state of the 3×3 grid. A function will be made to check if the box that's clicked by the player in the displaying grid is empty or not and will decide to put up an image of O if the previous one was X and vice versa. And when the consecutive images match, the game ends.
- Tools/ languages required – Android Studio, Java, XML.

Music App

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- In this application, the user able to search for a song present in their phone storage. They able to play, pause, and stop a song.
- This application fetch all the songs from phone storage and display it in the form of a list.
- Tools/ language required – Android Studio, Java, XML.

Gallery App

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- In this application, users would be able to see all the images present in their device in a grid layout structure.
- They would also be able to capture new images that would get stored on their device.
- Tools/ languages required – Android Studio, Java, CameraX library, and Picasso

EDUCATION

Computer Science

Ain Sham University • Cairo • 2023

COURSEWORK

Android development

Instant company • 2022

SKILLS

Android: java, xml

C++

C#

Problem solving

python