Youssef Mohamed Ahmed

Android Developer

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EDUCATION

Suez Canal University   Ismailia, Egypt
Bachelor of Computer Science   *Sep. 2019 – July 2023*

EXPERIENCE

Android Developer Trainee   Apr. 2025 – Present
The Chance   *Remote*
- Built a good software development foundation by learning core concepts, such as Data Structures, Algorithms, Unit Testing, Test-Driven Development (TDD), Solid Principles, Design Patterns, and more.
- Partnered with my teammates in thoughtful meetings to design and implement our tasks and share our knowledge.

Android Developer Intern   Dec 2024 – Jan 2025
Prodigy InfoTect   *Remote*
- Developed a REST API using FastAPI and PostgreSQL to store data from learning management systems
- Developed a full-stack web application using Flask, React, PostgreSQL and Docker to analyze GitHub data
- Explored ways to visualize GitHub collaboration in a classroom setting

TECHNICAL SKILLS

Languages: Kotlin, Java, C++, C, SQL, Dart
Frameworks: Android (MDC), Android (Compose), Flutter
Developer Tools: Git, Docker, Android Studio, IntelliJ Idea, VS Code, Visual Studio
Architecture: Clean Architecture, MVVM, MVI

PROJECTS

GeoGlimpse | *Kotlin, Jetpack Compose, TensorFlow*
- Built an AI-powered app using TensorFlow Lite for real-time landmark detection from images.
- Integrated Room database to store landmark images and titles, enabling seamless offline access.
- Designed interactive features with CameraX, Jetpack Compose, and Koin for enhanced user experience.
- GitHub Repository: GeoGlimps Repo

MedFinder App (Graduation Project) | *Kotlin, XML, Material Design, Retrofit*   jan 2023 – jun 2023
- Finds the nearest pharmacy to the user that has medicine, skin care products, and related items.
- Includes an alarm to remind the user of treatment dates, an index of body mass and metabolic rate.
- Searches for medicine through prescription or image recognition.
- GitHub Repository: MedFinder Repo

Location Reminder | *Kotlin, XML, Material Design, Retrofit, GPS Tracking*
- Allows users to save locations on a map with custom notes, receiving notifications when passing by.
- Supports offline data storage, caching location information for easy access without an internet connection.
- Enables users to modify location reminders, adjusting both the message and the associated location details.
- GitHub Repository: Location Reminder Repo

COURSES

Advanced Android Kotlin Development | **Udacity** | **Certification**   Dec 2022
Introduction to Git and GitHub | **Coursera** | **Certification**   mar 2022

LANGUAGES

Arabic: Native Speaker
English: Professional Working Proficiency