Mostafa Ahmed Mostafa

Mobile Application Developer (Flutter)

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EDUCATION

B.S. in Electrical Engineering & Computer Science

Al-Azhar University, Cairo

(2019 - 2024)

SKILLS

- Flutter, Dart, OOP

- Clean Architecture, MVVM, MVC, Bloc, Provider

- Firebase, REST API, SQLite,

- Google Maps API

- Git/GitHub, Postman

- Figma to Flutter, Responsive Design, CI/CD basics

- Java, Data Structures & Algorithms

LANGUAGE

- Arabic — Native
- English — Good

PROFILE

Mobile Application Developer (Flutter) with 3+ years of experience building production-ready Android and iOS applications. Skilled in Clean Architecture, BLoC, Firebase, and UI/UX. Delivered multiple client projects end-to-end with high performance and fast delivery.

WORK EXPERIENCE

Flutter Developer Remote / Cairo   2023 – Present

- Architected and developed 5+ mobile applications for diverse clients using Flutter and Clean Architecture, ensuring 99% crash-free sessions.
- Engineered a Social Media Platform (Fourtyninehub) mirroring complex features like TikTok Reels and WhatsApp Stories.
- Optimized video playback performance and caching strategies to reduce data usage by 30%.
- Implemented real-time features using Firebase Streams for likes, comments, and chat.
- Collaborated with backend teams to integrate RESTful APIs and handle complex JSON serialization for data-heavy applications.
- Translated UI/UX designs into responsive code, ensuring pixel-perfect implementation across various screen sizes.

KEY PROJECTS

Smart Agriculture System (IoT & ML Integration)

- Developed a cross-platform app connecting farmers with AI-driven crop recommendations based on soil/weather analysis.
- Integrated a Python/ML model API to predict optimal crops with high accuracy.
- Built a real-time marketplace feature allowing farmers to list products, resulting in a seamless user buying experience.

Fourtyninehub (Social Media App)

- Built a feature-rich social application focusing on short-form video content (Reels) and ephemeral status updates (Stories).
- Implemented complex media handling: video recording, compression, upload, and auto-expiration logic for stories.