

Mohamed Adel

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Professional Summary

Senior Flutter Engineer with 4+ years of experience designing, developing, and deploying cross-platform mobile applications. Specialized in Flutter & Dart, with proven expertise in clean architecture, state management, and scalable app delivery. Strong focus on performance optimization, CI/CD, and mentoring teams to deliver user-centric, production-grade apps.

Core Skills

- Languages & Frameworks: Dart, Flutter, REST APIs, GraphQL, Firebase
- Architecture & State: Clean Architecture, BLoC, Riverpod, GetX
- Tools & CI/CD: GitHub, Codemagic, App Store Connect, Play Console
- Testing & Quality: Unit Testing, Crashlytics
- Features: Push Notifications, OAuth2, Payment Gateways, Face Authentication, Background Services

Professional Experience

Mobile Application Developer – The United Systems | Jan 2024 – Present

- Lead end-to-end mobile development for multiple production Flutter apps.
- Implemented Clean Architecture, modular codebases, and optimized performance.
- Managed app publishing to Play Store & App Store with continuous integration pipelines.
- Collaborated with design, backend, and QA teams to ensure high-quality releases.
- Mentored junior developers and conducted code reviews.

Mobile Engineer – ZKTeco | Mar 2022 – May 2024

- Developed and maintained production-ready Flutter applications.
- Integrated biometrics, IoT, and real-time data synchronization for enterprise clients.
- Delivered optimized mobile solutions ensuring smooth performance and scalability.
- Collaborated with backend and hardware teams for feature alignment and testing.

Key Projects:

- AICTIME: Real-time attendance app with biometric & IoT integration.
- AgriUnions: Digital marketplace for farmers and traders in Saudi Arabia.
- Zontec: Smart event management system.
- Tell Me: Task collaboration app using phone number authentication.

Mobile Engineer – Innovation Agency | Mar 2021 – Mar 2022

- Delivered staging and production apps in Flutter for diverse clients.
- Optimized app performance and improved UI responsiveness for low-end devices.
- Integrated secure APIs and payment gateways ensuring data integrity.

Education

Bachelor's in Computer Science – Zagazig University | July 2019