AHMED REDA ELGHARBAWY

MOBILE DEVELOPER

Cairo, Egypt
+201116644523
devahmedelgharbawy@gmail.com
Github
Linkedin

SUMMARY

Mobile Developer with 3+ years specializing in Flutter/Dart development. Successfully delivered 10+ production applications with 500K+ combined downloads across iOS and Android. Expert in cross-platform development, state management (BLoC/Cubit), and integrating complex APIs. Currently leading mobile development at GTS while contributing to health-tech innovations.

EXPERIENCE

Senior Flutter Developer | Global Technology Solutions (GTS) — **April 2024 - Present | Egypt (Full time)**

- Lead development of cross-platform mobile applications for 3+ enterprise clients, managing full development lifecycle from requirements to deployment
- Architect scalable Flutter solutions using Clean Architecture and MVVM patterns, reducing code complexity by 40%
- Mentor team of 2 junior developers, conducting code reviews and establishing development best practices
- Optimize app performance achieving 60fps UI rendering and reducing app cold-start time by 35%
- Collaborate with design and backend teams to deliver pixel-perfect UI implementations and seamless API integrations
- Successfully published 4 applications to Google Play Store and Apple App Store with 4.3+ star average ratings

Software Engineer | Sanad — **Oct 2023 – Present | Egypt (Part time)**

- Engineered health challenge mobile app integrating Apple Health and Google Fit APIs, serving 50K+ active users
- Implemented real-time fitness data synchronization reducing manual data entry by 90%
- Built comprehensive multimedia platform supporting articles, podcasts, videos, and community engagement features
- Integrated location-based services and mapping functionality for enhanced user experience
- Developed custom calendar system for challenge tracking with interactive animations using Lottie
- Achieved 4.5★ rating on both iOS and Android with 100K+ combined downloads

Flutter Engineer | League Plus — **May 2024 – March 2025| Egypt**

- Architected and launched sports prediction app enabling real-time match predictions and custom league creation
- Implemented GraphQL integration for live match data with 99.9% uptime and sub-second latency
- Built engagement features fostering community of 30K+ active sports enthusiasts
- Developed deep linking system for seamless user referrals, increasing user acquisition by 25%
- Utilized BLoC pattern for robust state management across complex real-time data flows
- Integrated Firebase Cloud Messaging for personalized push notifications with 40% open rate

Flutter Developer | Freelance — **August 2021 - Nov 2023**

- Delivered 6+ production-ready mobile applications for clients across healthcare, media, and transportation sectors
- Managed complete project lifecycle independently: requirements gathering, development, testing, and deployment
- Implemented complex features including payment gateways, real-time chat (Agora), mapping systems, and thermal printing
- Maintained 95% client satisfaction rate with on-time delivery and responsive communication
- Built reusable component libraries reducing future development time by 30%experience. - Worked independently, managing project timelines, tasks, and deliverables to meet clients' expectations and project deadlines.

PREVIOUS WORK

League Plus - Sports Prediction Platform (Android) (Ios)

Mobile app for real-time sports predictions and custom league management with 30K+ active users.

- Implemented GraphQL real-time data synchronization with optimistic UI updates
- Built comprehensive state management using BLoC pattern handling complex user interactions
- Integrated deep linking and Firebase Cloud Messaging for enhanced user engagement
- **Tech Stack:** Flutter, Dart, BLoC, GraphQL, Firebase, Hive, Deep Links, Lottie

Sanad-Rewards - Health & Wellness Challenge App (Android) (Ios) (About)

Health challenge platform integrating wearable data with 100K+ downloads and 4.5★ rating.

- Integrated Apple Health and Google Fit APIs for automatic fitness data synchronization
- Developed multimedia content platform (articles, podcasts, videos) with offline support
- Implemented custom calendar system and location-based services
- **Tech Stack:** Flutter, Dart, BLoC, Firebase, REST APIs, Apple Health, Google Fit

A year in review - Medical Conference App (Android) (Ios) (About)

Conference management app for hepatology and GIT medical education events.

- Built QR-based attendance system and workshop enrollment functionality
- Developed real-time engagement features for moderator-attendee interaction
- Implemented custom animations and pagination for smooth content browsing
- **Tech Stack:** Flutter, Dart, Cubit, REST APIs, Firebase, Localization

I-News-TV - Live News Streaming (Android) (Ios) (About)

News streaming application with live channel viewing and real-time news updates.

- Integrated live video streaming with adaptive bitrate for optimal viewing experience
- Implemented favorites system and push notifications for breaking news
- Built custom video player with playlist management
- **Tech Stack:** Flutter, Dart, BLoC, Video Streaming, Firebase, WebView

Salute medical transport (Android) (Ios) (About)

Healthcare logistics app connecting patients with medical transport services for scheduled appointments.

- Built real-time location tracking system using Google Maps API for live driver tracking
- Implemented automated scheduling and notification system reducing patient no-shows by 30%
- Developed driver-patient matching algorithm optimizing route efficiency
- Created offline-first architecture ensuring reliability in low-connectivity areas
- **Tech Stack:** Flutter, Dart, Cubit, Maps API, Location Services, Firestore, Push Notifications

GTS ERP System - Sales & Billing Management [soon] [About]

- Successfully engaged in the development of an ERP system that has a reporting, cashier, Billing system for the easement of the sales representatives. The app has a printing system designed to facilitate split work among workers and buyers using Flutter and Dart, with features including go Router for navigation, a custom calendar.

- Tools: Flutter, Dart, BLOC, REST API, Localization, Animated Icons, thermal printing, Fire base,

Dalil [soon] [About]

Enterprise resource planning mobile solution for sales representatives and retail operations.

- Engineered comprehensive billing and cashier system processing 1000+ daily transactions
- Integrated thermal printing for instant receipt generation and inventory management
- Built custom reporting dashboard with real-time sales analytics and performance metrics
- Implemented GoRouter navigation for complex multi-role workflow management
- **Tech Stack:** Flutter, Dart, BLoC, REST API, Thermal Printing, Firebase, Localization

Islami - Islamic Companion App [soon]

Comprehensive Islamic application providing prayer times, Quran access, and spiritual tools.

- Built accurate prayer time calculation based on geographic location and Islamic calendars
- Developed interactive Quran reader with audio recitation, translations, and bookmarking
- Implemented Qibla direction finder using device compass and GPS
- Created customizable reminder system for Salah, fasting, and daily Dhikr
- Integrated FCM for prayer time notifications with 85%+ delivery rate
- **Tech Stack:** Flutter, Dart, Cubit, Location Services, Firebase, Custom Animations, API Integration

EDUCATION

Bachelor of Science in Computer Science
Faculty of Computer and Information, Mansoura University (FCIS) | 2016 - 2020
Relevant Coursework: Data Structures, Algorithms, Computer Architecture, Operating Systems, Software Engineering

PROFESSIONAL TRAINING

Information Technology Institute (ITI)

- Full Stack .NET Web Development | July - September 2019 (C#, SQL Server, Entity Framework, ASP.NET MVC)
- C# Programming | August - September 2018 (OOP, Data Structures, Advanced C# Topics

LICENSES & CERTIFICATIONS

Flutter Advanced - Clean Architecture & MVVM – Udemy	**credentials**	(March 2025)
Certified Software Engineer – Hacker Rank	**credentials**	(March 2025)
Clean Architecture & Testing Masterclass – Udemy		(Dec 2020 – Jan 2021)
Flutter BLoC Pattern – Udemy		(Feb 2020 – Mar 2020)
Google Developer Challenge Scholarship: Mobile Web		(May 2018)
Microsoft Students Partnership Internship (MSP)		(February – May 2017)

CORE TECHNICAL SKILLS

Mobile Development: Flutter, Dart, Android (Jetpack Compose), Kotlin
Architecture & Patterns: BLoC, Cubit, MVVM, Clean Architecture, Design Patterns
Backend & APIs: REST APIs, GraphQL, Firebase, Firestore, API Integration
State Management: BLoC, Cubit, Provider, Riverpod
Tools & Libraries: Git/GitHub, Hive, Agora, Lottie, FCM, Deep Links, GoRouter
Platform Integration: Apple Health, Google Fit, Maps API, Payment Gateways
Testing & Quality: Unit Testing, Widget Testing, Integration Testing, Clean Code
Other: CI/CD, Localization, Performance Optimization, Team Leadership

Mobile Development: Flutter, Dart, Android (Jetpack Compose), Kotlin
Architecture & Patterns: BLoC, Cubit, MVVM, Clean Architecture, Design Patterns
Backend & APIs: REST APIs, GraphQL, Firebase, Firestore, API Integration
State Management: BLoC, Cubit, Provider, Riverpod
Tools & Libraries: Git/GitHub, Hive, Agora, Lottie, FCM, Deep Links, GoRouter
Platform Integration: Apple Health, Google Fit, Maps API, Payment Gateways
Testing & Quality: Unit Testing, Widget Testing, Integration Testing, Clean Code
Other: CI/CD, Localization, Performance Optimization, Team Leadership

Mobile Development: Flutter, Dart, Android (Jetpack Compose), Kotlin
Architecture & Patterns: BLoC, Cubit, MVVM, Clean Architecture, Design Patterns
Backend & APIs: REST APIs, GraphQL, Firebase, Firestore, API Integration
State Management: BLoC, Cubit, Provider, Riverpod
Tools & Libraries: Git/GitHub, Hive, Agora, Lottie, FCM, Deep Links, GoRouter
Platform Integration: Apple Health, Google Fit, Maps API, Payment Gateways
Testing & Quality: Unit Testing, Widget Testing, Integration Testing, Clean Code
Other: CI/CD, Localization, Performance Optimization, Team Leadership

LANGUAGES

Arabic: Native
English: Professional working proficiency (written and spoken)

ADDITIONAL INFORMATION

Military Service: Completed
Date of Birth: June 1, 1998
References: Available upon request