Mariam Alaa Badr

Flutter Developer

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PROFILE

Flutter Developer || Mobile App Specialist with over 1 years of experience in designing, building, and leading high quality Android & iOS applications. Proven track record in Technical Leadership, Clean Architecture, and Performance Optimization. Expert in delivering scalable, enterprise grade products using BLoC, and Firebase, with a strong focus on UI/UX excellence and seamless user centric experiences. Passionate about driving business value through clean code, innovation, and continuous learning

EDUCATION

Bachelor of Information Technology,   Egypt
Faculty of Computers and AI Damietta University

WORK EXPERIENCE

Flutter Mobile App Developer, *NEXORA*   Present | remote

- Build and maintain Flutter apps for iOS & Android with modern architectures.
- Use Provider & GetX for efficient state and data management.
- Integrate Firebase services (FCM, Realtime Database) to deliver dynamic features.
- Monitor and optimize app performance for smooth and responsive user experience.

Intern – Flutter Mobile App Developer, *baianat* ⊡   09/2025 – 11/2025 | on site

- Built real world apps from scratch for iOS & Android using Flutter, following best practices for business applications.
- Integrated APIs with Dio and implemented robust error handling, asynchronous programming (Futures & Streams) .
- Developed interactive UIs with animations and dynamic feeds, managing assets, media, and optimizing performance for enterprise level apps.
- Participated in full development lifecycle: requirement analysis, design, coding, testing, and deployment, applying SDLC methodologies.

PROJECTS

CinemaX APP, *A sleek Flutter mobile app for iOS and Android, providing complete movie discovery, detailed info, cast & crew, genres, and ratings.* ⊡

- Architected the app using Clean Architecture and MVVM to ensure scalability and maintainability
- Implemented BLoC for predictable and testable state management across the app
- Integrated Hive for local data persistence and personal favorites storage
- Supports Multi Languages Arabic and English with seamless language switching using Flutter Gen & Intl
- Enabled core user features: real time movie search, updating user profile, and managing favorites

Technologies: Flutter, Dart, BLoC, Hive, REST API, HTTP, Flutter Gen + Intl
Links: [GitHub] ⊡ [App Demo] ⊡

Yaqeen APP, *A Modern Islamic Flutter app that brings essential features together , read & listen to the Quran Surahs from multiple reciters, explore Hadiths, use digital Sebha, Islamic radio, and accurate prayer times* ⊡

- Architected the app using MVVM and Clean Architecture for scalability and maintainability
- Implemented BLoC & Provider for reliable and testable state management
- Integrated complete Holy Quran (114 Surahs) with multiple display modes and high-quality audio recitations
- Enabled fast and accurate search across all Surahs, and included a wide selection of famous Qur'an reciters
- Provided core Islamic features: Morning & Evening Azkar with completion tracking, Digital Sebha, Prayer Times

Technologies: Flutter, Dart, MVVM, BLoC, Provider, RESTful APIs, just audio, Shared Preferences
Links: [GitHub] ⊡ [App Demo] ⊡

News+ APP, *A premier news app delivering the latest headlines and trending stories with intuitive search, smart category filters, and seamless reading in both Arabic and English.* ⊡

- Architected the app using MVVM and Clean Architecture for scalability and maintainability.
- Implemented BLoC & Provider for reliable and testable state management.
- Fetched real-time news headlines and articles from API with instant updates.
- Enabled search and category filters (Technology, Sports, Health, Business, Entertainment, Science).
- Supported multi-language (Arabic / English) and Dark & Light themes for comfortable reading.
- Provided full article access by opening original articles on their websites.

Technologies: Flutter, Dart, MVVM, BLoC, Provider, HTTP, Cached Network Image, Shared Preferences, URL Launcher.
Links: [GitHub] ⊡ [App Demo] ⊡

Marketly, *A Simple mobile E-Commerce app offering a seamless shopping experience, enabling users to browse products, manage their cart, and handle accounts with ease on Android and iOS.* ⊡

- Architected the app using Flutter with a clean and responsive interface for Android and iOS.
- Enabled users to browse products across multiple categories with detailed product views.
- Implemented cart functionality allowing adding, removing, and updating items seamlessly.
- Supported user account creation, login, and profile management.
- Delivered a smooth and modern shopping experience with responsive UI and API integration for real product data.

Links: ⊡ [GitHub] ⊡ [App Demo] ⊡

Safer Mae [معي سافر] ⊡

- Developing a Flutter based ride hailing application inspired by Uber, featuring real time location tracking, interactive maps, ride booking, and fare estimation. The app integrates Google Maps API and is structured with clean architecture for scalability and maintainability.

Still under Developing...
Links: ⊡ [GitHub] ⊡

CERTIFICATES

Saint Louis University Certificate ⊡
Certificate of Star Performance in Mobile App Development with Flutter Saint Louis University

Baianat Training Certificate ⊡
Certificate of Training in Flutter Mobile Application Development – Baianat Company

Route Certificate ⊡
Flutter Development Diploma – Route IT Certified

TECHNICAL SKILLS

Mobile Development: Flutter & Dart (Expert)

Architecture: Clean Architecture, MVVM, SOLID Principles, Modularization.

State Management: Bloc/Cubit, Provider

Data & Networking: RESTful APIs (postman), (Dio , Http), JSON/XML

Backend & Storage: Firebase (FCM, Firestore, Push Notifications), SQLite, Hive, Shared Preferences.

DevOps & Tools: CI/CD (GitHub Actions), Git/GitHub, Unit & Widget Testing.

Advanced Features: Deep Linking, Payment Gateway Integration (PayPal, Paymob)

Advanced UI/UX: Google Maps API Integration, Animations, Material Design, Responsive UI.