Mohamed Magdy Ibrahim

Software Engineer | Flutter Developer

Shibin El Kom, Menoufia, Egypt | Open to Remote, On-site and Hybrid

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PROFESSIONAL SUMMARY

Software Engineer specializing in Flutter development, experienced in building and maintaining scalable cross-platform mobile applications for Android and iOS. Skilled in Dart, Clean Architecture, BLoC/Cubit, REST APIs, WebSockets, and Firebase, with a strong focus on performance, code quality, and delivering production-ready applications.

WORK EXPERIENCE

Flutter Developer

Rov Group (Saudi Arabia Startup) | Remote | Full-time | Aug 2025 - Aug 2026

Escore: escore.app | Google Play | App Store

- Owned the Escore Flutter application end-to-end, covering architecture, feature development, code review, and release, serving 5,000+ registered users, with 74% on iOS and 26% on Android, from a single codebase.
- Led the full software delivery lifecycle in an Agile and Scrum environment, collaborating with backend developers, UI/UX designers and QA engineers through sprint planning, code reviews, technical discussions and technical documentation; defined engineering standards and took part in developer interviews and hiring.
- Improved application performance by optimizing rendering, memory usage and startup time, reducing jank frames and unnecessary widget rebuilds, measured with Flutter DevTools on low-end Android devices.
- Reduced data payload by 65% and API response latency by 54% by optimizing REST API integration with Dio and JSON serialization, improving screen load times on slow mobile networks.
- Built the real-time layer using WebSockets and Dart Streams for live score updates and animated tournament brackets, with offline caching and local data storage using Hive and SharedPreferences.
- Debugged and troubleshot crashes, build errors and performance problems through structured problem-solving, and maintained unit, widget and integration testing coverage across core features.
- Led Flutter development for Saudi Host, a pre-launch travel platform connecting visitors in Saudi Arabia with local tour guides, applying Role-Based Access Control (RBAC) with role-specific navigation and permissions built on GoRouter.
- Implemented Arabic and English localization with runtime language switching, full RTL support and a scalable theme system covering dark mode and light mode.
- Integrated Firebase Authentication with Google Sign-In and Sign in with Apple, which accounted for 90% of account registrations, and delivered push notifications through Firebase Cloud Messaging (FCM).

Flutter Developer

Sound To Read | Freelance, Saudi Arabia Client | May 2025 - Jul 2025

Google Play | App Store

- Built and published a cross-platform Flutter application for children aged 6-12 on Google Play and the Apple App Store.
- Developed audio-based phonics lessons with native-speaker audio, progressive learning levels, and per-user progress tracking.
- Integrated speech-based assessments and parent progress reports through RESTful APIs using Dio and asynchronous programming with Futures and Streams, with local data storage and caching for offline use.
- Implemented push notifications with Firebase Cloud Messaging (FCM) for lesson reminders and parent progress alerts.
- Managed the full release process: Google Play Console and App Store Connect submission, TestFlight distribution, app signing and kids-category compliance.

Flutter Developer

PureSoft | On-site, Single-app Freelance | Full-time | Jan 2025 - Mar 2025

Tarkibat: Google Play | App Store

- Delivered Tarkibat, a marketplace application connecting property owners with tradespeople across construction, painting and electrical services, published on Google Play and the Apple App Store.
- Built the application with Clean Architecture, BLoC/Cubit state management, GoRouter navigation and Firebase integration including Firebase Authentication and Firestore.
- Profiled and optimized performance, memory usage, rendering and startup time, and improved responsive UI and UX in collaboration with the team.

Flutter Development Intern

PureSoft | Internship | Aug 2024 - Nov 2024

- Built responsive Flutter features and animations from Figma designs and worked within the team Git, GitHub, code review and release workflow.

PROJECTS

CurAi | Flutter, Dart, Clean Architecture, BLoC/Cubit (Graduation Project). Medical appointment booking app with doctor discovery, scheduling and patient profiles. github.com/mohamedmagdy2301/CurAi_app_mobile

Azkary | Flutter, Dart, Hive. Offline-first Islamic app with prayer times, azkar and daily supplications, built with local data storage and dark mode and light mode theming. github.com/mohamedmagdy2301/azkary_app

More Flutter projects: news, weather, bookly and notes apps - github.com/mohamedmagdy2301

TECHNICAL SKILLS

Mobile Development: Flutter, Dart, Flutter SDK, Android, iOS, Cross-Platform Mobile Development, Material Design, Cupertino, Responsive UI, Adaptive Layouts, Animations, Dark Mode and Light Mode, Theming

Architecture and State Management: Clean Architecture, MVVM, SOLID Principles, Object-Oriented Programming (OOP), BLoC, Cubit, State Management, Repository Pattern, Dependency Injection, GoRouter, Navigation, Role-Based Access Control (RBAC), Asynchronous Programming, Futures, Streams, Isolates

Data and Integration: REST APIs, RESTful APIs, HTTP, Dio, WebSockets, JSON, JSON Serialization, Firebase, Firebase Authentication, Firestore, Firebase Cloud Messaging (FCM), Push Notifications, Hive, SharedPreferences, Local Data Storage, Offline Caching, Google Sign-In, Sign in with Apple

Testing and Performance: Unit Testing, Widget Testing, Integration Testing, Flutter DevTools, Performance Profiling, Performance Optimization, Debugging, Troubleshooting, Code Review

Release and CI/CD: Google Play Console, App Store Connect, TestFlight, App Signing, CI/CD, GitHub Actions, Fastlane, Automated Builds, Deployment Workflows

Localization: Internationalization (i18n), Localization (l10n), Arabic/English Localization, RTL Support, Multi-Language Applications

Tools and Process: Git, GitHub, Version Control, Agile, Scrum, Technical Documentation, Android Studio, Xcode, Visual Studio Code, Figma, Postman

Professional Skills: Problem-Solving, Communication Skills, Collaboration, Teamwork, Independent Work, Adaptability

EDUCATION AND CERTIFICATIONS

Bachelor of Science in Computer Science
Egyptian E-Learning University (EELU) | Graduated 2025

Professional Diploma in Mobile Application Development (Flutter)
Information Technology Institute (ITI), Menoufia | Jul 2023 - Sep 2023

Certifications: Clean Architecture in Flutter (Foundations and Deep Dive), Flutter Advanced: BLoC and MVVM, Complete Flutter and Dart Development