Eslam Ashraf Selim

Mobile App Developer | Flutter Developer | Software Engineer

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SUMMARY

Flutter Developer and Software Engineer with 2.5 years of experience building scalable, maintainable, and high-quality mobile applications. Skilled in transforming UI/UX designs into pixel-perfect, responsive cross-platform apps using Flutter & Dart. Experienced with Firebase services (Authentication, Firestore, Cloud Functions) and state management solutions (Provider, Bloc). Strong focus on clean architecture, SOLID principles, and performance optimization to deliver reliable, extensible applications for Android and iOS.

EDUCATION

Bachelor of Science in Computer Science - Major: Software Engineering & IT
NCTU, New Cairo, Egypt | Jul 2020 – Jun 2024

PROJECTS

Farrah now– Social Travel App (Flutter & Dart) playstore - Appstore

- Developed a cross-platform social discovery app for iOS and Android using Flutter.
- integrated Google Maps API and Geolocation to help users find and view nearby places.
- Implemented Google Sign-In and Deep Linking for a secure and seamless login experience.
- Enabled media sharing by integrating Camera, Microphone, and Photo Library APIs.
- Integrated Firebase Cloud Messaging (FCM) to handle real-time push notifications.
- Applied Clean Architecture and MVVM patterns to ensure a clean and scalable codebase.

MV Limousine – Car Rental App (Flutter & Dart) Playstore - Appstore

- Developed a cross-platform car rental app supporting two distinct service tiers: Standard and VIP.
- Integrated Google Maps & Places SDK to handle delivery locations and generate dynamic tracking links for orders.
- Managed complex states using Cubit, handling real-time price calculations, driver availability, and multi-step booking workflows.
- Built a robust Data Layer to interact with a RESTful Laravel API, managing car data, owner profiles, and order history.
- Integrated Firebase Cloud Messaging (FCM) to handle real-time push notifications.

BabyTrack | Flutter Developer (Flutter & Dart) Playstore - Appstore

- Developed BabyTrack, a cross-platform baby care application for iOS and Android, featuring 20+ screens, real-time cry detection, growth tracking, and analytics.
- Integrated an on-device TensorFlow Lite (TFLite) audio classifier for real-time baby cry detection, alongside a server-side prediction API.
- Built a robust networking layer using Dio and token-refresh interceptors, integrating Laravel and Sanctum REST APIs for authentication, baby profiles, and notifications.
- Implemented Riverpod for state management and go_router for navigation across complex, multi-step user flows.
- Developed Arabic and English localization with full RTL support and persistent light/dark themes.
- Designed a custom Liquid Glass UI with animated dashboards and interactive charts using fl_chart.
- Integrated Firebase Cloud Messaging (FCM) for push notifications and flutter_secure_storage for secure credential management.

SKILLS

Technical Skills: Flutter & Dart • State Management (Provider, BLoC, Cubit) • Firebase (Authentication, Firestore, Cloud Functions) • RESTful APIs & JSON • Local Storage • Git & GitHub • Clean Architecture & SOLID • Android & iOS Deployment

Soft Skills: Problem Solving • Effective Communication • Team Collaboration • Adaptability • Time Management • Leadership • Continuous Learning • Attention to Detail

Courses

Flutter Development Diploma – Route Academy

- Gained hands-on experience building cross-platform apps using **Flutter & Dart**.
- Integrated **Firebase services** (Authentication, Firestore, REST APIs).
- Trained in **UI/UX design, responsive layouts, and app deployment** for Android & iOS.
- Applied **state management** (Bloc, Provider) and Clean Architecture principles.

Web Development Course – Information Technology Institute (ITI)

- Learned front-end technologies: **HTML, CSS, JavaScript**.
- Built modern, responsive web applications with practical projects.
- Acquired knowledge of web standards, usability, and performance optimization.

Languages

- **Arabic**: Native / Mother Tongue
- **English:** B2 - Professional Working Proficiency