MARIAM TAHER KAMEL

Mobile Application Developer

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GitHub: github.com/MariamTaher35 | Portfolio: mobile-developer-portfolio

PROFESSIONAL SUMMARY

Mobile Application Developer specializing in Flutter and Android with hands-on internship experience delivering multi-module, production-grade apps. Proficient in Dart, Kotlin, and Java with expertise in Firebase backends, RESTful API integration, and MVVM architecture. Skilled in Bloc/Provider state management and cross-functional agile collaboration.

SKILLS

Programming Languages: Dart • Kotlin • Java • C# • HTML5 • CSS3 • SQL
Mobile Frameworks: Flutter • Android SDK • Provider • Bloc (State Management)
Tools & Technologies: Android Studio • Firebase • Git/GitHub • Figma • RESTful APIs • Retrofit • Room Database • MVVM

WORK EXPERIENCE

Flutter Developer Intern | NPT Solutions (Paws Pal Connection), India   Nov 2025 – Feb 2026
- Architected and developed a multi-module Flutter application for an integrated pet care platform, delivering 4+ core service modules including veterinary booking, grooming, pathology, and home services.
- Implemented real-time data synchronization using Firebase and applied Provider/Bloc state management across all modules to ensure consistent app state.
- Collaborated with cross-functional teams in agile sprints, contributing to UI/UX decisions and code reviews.

Mobile Application Developer Intern | DEPI, Cairo   Oct 2024 – May 2025
- Engineered a full-featured Food Planner Android application using Kotlin and Firebase, achieving real-time data synchronization across devices with100% data consistency.
- Contributed to multiple Flutter projects with RESTful API integration, Provider state management, and Firebase authentication; participated in agile sprints with regular code reviews.

PROJECTS

Drive Wise – Smart Car Application (Graduation Project, Grade: A+) || GitHub
- Developed a comprehensive smart car embedded system with real-time safety features including speed control, distance monitoring, and drowsiness detection algorithms.
- Designed and built the companion mobile UI in Flutter for live system control and monitoring; integrated FOTA (Firmware Over The Air) updates for remote maintenance.

Islami Application (Flutter) || GitHub
- Developed a full-featured Islamic app enabling users to read the Quran, perform digital Tashbih, and access authenticated Hadith collections, with bilingual Arabic/English support and dark/light themes.
- Utilized Flutter with Provider state management for efficient content retrieval and display from structured text files.

News Application (Flutter) || GitHub
- Built a dynamic news aggregation platform integrating a third-party news API to deliver real-time articles across 6+ categories (Sports, Business, Politics, Health, Science, Environment).
- Implemented bilingual (English/Arabic) language switching, advanced search, and a responsive layout optimized across multiple device sizes.

Food Planner Application (Android – Kotlin) || GitHub
- Developed a feature-rich Android app using MVVM architecture, Retrofit for API calls, Glide for image loading, and Lottie animations, enabling meal discovery by category, country, or ingredient.
- Implemented local data persistence using Room Database enabling 90% offline functionality for meal planning, reducing API calls by ~40%; integrated Firebase with Email and Google Sign-In authentication.

EDUCATION

Bachelor of Computer and Information Systems   2020 – 2024
El Shorouk Academy, Cairo, Egypt

CERTIFICATIONS & TRAINING

Flutter Development Diploma – Route Academy, Cairo (Aug – Nov 2023): Built 3+ practical apps including News App with API integration, TODO App with Firebase backend, and Islami App.

Mobile App Developer (DEPI, 2024–2025) • AI Career Essentials (ALX, 2024) • Database Fundamentals (Mahara-Tech, 2024) • Software Testing (Mahara-Tech, 2024) • Java Basic (HackerRank, 2024)

LANGUAGES

Arabic: Native **| English:** Upper Intermediate (B2)