Abdelmoneim Adel

Flutter Developer & Instructor

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Summary

A highly motivated Flutter Developer with a strong foundation in building responsive and user-friendly mobile applications. Skilled in using Flutter, Dart, and state management tools like Cubit and Bloc to create efficient, maintainable code. Passionate about learning new technologies and continuously improving coding practices. Able to work effectively both independently and in a team, delivering high-quality solutions with a focus on performance, usability, and clean code principles.

Work Experiences

Intermediate Flutter Developer Intern @Functo Software House – Part Time.   **(Feb 2025 – May 2025)**

Worked on two production-level mobile applications as part of a dynamic development team.

Key Projects:

Deal System (CRM System)

- Assign multiple leads to different sales representatives simultaneously.
- Integrated multi-phone numbers support with proper international formatting (with country code).
- Redesigned 10+ UI components (e.g., lead cards, project list, notifications), leading to a **~30%** improvement in user satisfaction (based on internal feedback).
- Implemented multi-selection for leads with WhatsApp-like interaction.
- Save failed call requests at the hive database and resend them if the internet returns.

Marketplace App

- Localized the entire app into 2+ languages, reaching a broader audience and improving accessibility by **~50%**.
- Implemented theming to ensure UI consistency across all screens
- Developed the user profile page, and full-screen order tracking view, and changed other UIs.

Flutter Instructor @Under Control – Part Time.   **(Jun 2024 – Aug 2024)**

- Teaching recent graduates in Oman Flutter development to prepare them as potential assistant instructors for future opportunities.
- Reviewing and providing feedback on assignments for each session.

Education

Bachelor of Computers and Artificial Intelligence | Benha University – Egypt.   **(Aug 2022 – expected Aug 2026)**

Majors: Artificial Intelligence - GPA: 3.34 (from 4.00)

Projects

Shopify (GitHub)

This project involves two interconnected applications: an Admin App for efficient store management and a Customer App for a seamless shopping experience. The Admin App features include category and product management, notifications, and user control, while the Customer App offers dynamic navigation, product details, favourites, and notifications. This project honed my skills in Flutter, state management, and networking, and provided valuable hands-on experience with Firebase, UI/UX design, and app development best practices.

Mogha (GitHub)

This advanced social media app, built with Firebase and Firestore, offers email authentication, post and story sharing, and advanced chat (text, images, videos). Key features include real-time database integration, professional settings, account management, localization, and theme customization. The app follows best practices with MVVM design, Cubit state management, and clean code.

Tramini (GitHub)

An AI-powered application integrating Google Gemini, text-to-image generation, and multilingual translation (supporting approximately 12 languages). Built with a smooth UI/UX, Tramini leverages APIs such as Hugging Face for image generation and Gemini API, along with Flutter toolkits, Cubit state management, and clean code principles.

Chef (GitHub)

This app allows chefs to add and manage their unique meals and menus, as well as update their profile and language preferences. Key features include API integration, state management using Cubit, localization support, and responsive UI design. The app leverages tools like Dio for API requests, Shared Preferences for data storage, and various packages for optimized performance and smooth user experience.

Up To Do (GitHub)

A sophisticated To Do app built with Flutter, utilizing clean code, MVVM, Cubit, and advanced packages. Features include onboarding screens, custom themes, and local storage with SQLite. And **here** is another one using local database (HIVE).

Bookly (GitHub)

This application displays free books from Google's API and provides users with detailed information about each book. Built using MVVM architecture, Bloc pattern, and Singleton design, the app ensures efficient state management and smooth performance.

Another Good Projects

Responsive Dashboard – Face Detector – Checkout – Azkary – Chatify – Calculator – Testify – Weather – Quiz – Toku

(to learn Japanese lang) – XO Game – Store, and other small ones. All of them on my awesome **GitHub Profile.**

Courses & Certification

- Mastering Flutter: Responsive & Adaptive UI Design – Tharwat Samy [Arabic].
- Flutter Store App with GraphQL, Bloc & Clean Architecture – Walid Asroo.
- Flutter Payment Integration (Stripe, PayPal & More) – Tharwat Samy [Arabic].
- Complete Social Media App with Flutter & Firebase (2024) – Mohammed Alharbi [Arabic].
- Flutter Advanced (Bloc & MVVM Pattern) – Tharwat Samy [Arabic].

Skills

- **Programming skills**: Dart – Python – CPP – SQL – Arduino – Java.
- **Mobil Development:** Flutter – Firebase – Fire-Store – (Bloc - Cubit - Provider) State Managements.
- **Core Technical Skills:** OOP – Data Structures – Algorithms – Problem Solving.
- **Backend & APIs:** RESTful APIs (HTTP - Dio) – Graph Ql – Postman.
- **Notifications:** Firebase Cloud Messaging (FCM) – Local Notifications – API Notifications.
- **Architecture & Design:** MVVM– Design Patterns – Clean Code – SOLID Principles.
- **Databases:** SQL Server – SQLite – MySQL – Hive – Oracle.
- **Tools & Platforms:** Android Studio – VSC – Figma – AI Tools (Prompt Engineering) – Version Control (Git - GitHub)
- **Good Familiarity with:** Payment Integration – MVC –SDLC – Secure App Data – Unit Testing – Google Maps.
- **Another Things:** Dynamic links – Connectivity Plus.
- **Languages:** Arabic – English (Certified by The Egyptian Russian Center).
- **Non-Technical:** Team leader in college projects – Collaboration – strong work ethics – efficient task management.

Volunteering

CORE TEAM Flutter Developer @GDSC AL-AZHAR COMMUNITY – Seasonal.   **(Oct 2023 – Aug 2024)**
- Successfully trained **25+ students** in Flutter development, achieving a 90% job placement rate within 3 months.
- Organized and led weekly online sessions, designed assignments, and introduced incentives that boosted engagement and learning outcomes by encouraging participants to share progress and publish projects on LinkedIn.
- Assigned and monitored tasks to provide hands-on Flutter experience, promoting practical skill development, critical thinking, and innovation among committee members.