

# Mohamed Dewidar

## Senior Flutter Developer

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### SUMMARY

Flutter & Android Developer with over 5 years of experience in Flutter hybrid mobile development and 2 years in native Android. Skilled in building scalable mobile applications integrated with Django REST Framework backends. Experienced in managing end-to-end app deployment on both Google Play Store and Apple App Store.

### WORK EXPERIENCE

2024/7 -  
present

#### Team Lead Flutter Developer

[3I Vision](#)

Giza Egypt

##### Responsibilities & Achievements:

- Led a team of Flutter developers in designing, building, and maintaining cross-platform mobile applications
- Oversaw the **entire mobile app lifecycle** — from architecture planning and development to testing, deployment, and publishing on **Google Play Store** and **Apple App Store**.
- Collaborated closely with AI engineers, backend developers, and project managers to deliver high-performance, intelligent applications.
- Ensured consistent coding standards, code reviews, and agile sprint planning to improve team efficiency and product stability.

##### Key Projects:

- **3I-Vision Application** [AppStore](#) [PlayStore](#)
  - AI-powered app leveraging **machine learning and computer vision** for **People Detection** and **Vehicle (License Plate) Recognition**.
  - Developed and optimized the **Permit Management Flow**, allowing users to apply for and track visit permissions in restricted areas.
  - Integrated real-time data processing with Django REST APIs.
- **DataMind App** [AppStore](#) [PlayStore](#)
  - Intelligent mobile file manager that scans devices to identify, classify, and organize files using **smart keyword analysis**.
  - Enhanced app performance and user experience through optimized Flutter architecture and local storage management.
- **Aramco Inventory App & Adahi App** [PlayStore](#)
  - Enterprise solution for **inventory and sample management**.
  - Implemented **QR code scanning, bulk data import/export**.
  - Adahi Implemented AI-based health and qualification detection, providing instant feedback on animal condition and eligibility.

2020-01 -  
2024/7

#### Senior Flutter developer

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🏫 **Cogens School Management System**

**Role: Lead Developer / Project Principal**

**Technologies: Django (Backend, REST API), Flutter (Mobile & Web Apps), Firebase, Stripe, Docker**

Developed and led the implementation of a comprehensive School Management System designed to streamline communication, attendance, payments, and daily operations between schools, parents, teachers, and vendors. The ecosystem includes multiple integrated applications and panels for different user roles

#### Platforms:

- **Cogens Parent App (Flutter)** – [AppStore](#) [PlayStore](#) Enables parents to track student attendance, receive announcements, make payments, and manage daily school interactions.
- **Cogens Staff App (Flutter)** – [AppStore](#) [PlayStore](#) Used by teachers and school staff to record attendance, communicate with parents, and manage academic schedules.
- **Admin Panel (Django Web)** – [Link](#) Provides full control for school administrators to manage students, staff, payments, attendance records, notifications, and settings.
- **Vendor Web Panel (Hot Lunch Management)** – [Link](#) A dedicated web portal food vendors to manage student meal orders, payments, and daily delivery reports.
- **Student App (Flutter)** – [AppStore](#) [PlayStore](#) Allows students to view schedules, grades, attendance, and receive school updates in real time.
- **Bus App (Flutter)** – [AppStore](#) [PlayStore](#) 'Cogens bus driver' is the application used to connect school driver with the school and parents.

2018-10 -  
2019-09

#### Android developer

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Develop and update project code - Ensure project conformance to quality standards and make unite test - work on pup project for redsys payment - work on ambulance application for egypt

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## QUALIFICATIONS

### SKILLS

Flutter Bloc, Cubit, Provider, Event Bus and Riverpod state management  
Flutter Hooks, Flutter collection algorithm, Flutter equatable  
Flutter Hive and shared preference  
Flutter web, and go router  
Django REST framework  
PayTabs, Paypal, Stripe and authorize.net

Write native in Flutter for payment methods for android and swift Flutter web

Django REST framework  
Flutter retrofit using flutter build, Dio and Http  
Dart json\_serializable, Frezzed, json annotation, retrofit generator and build runner  
Write native in Flutter for payment methods for android and swift

### TOOLS

IntelliJ, PyCharm, Android Studio, Postman, Swagger, MySQL  
JIRA, Bitbucket, GitHub

### PROGRAMMING LANGUAGES

Java Dart  
Python JAVA FX Desktop  
Dart