

# ESLAM APED

## Flutter Developer & Backend Developer

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### PROFESSIONAL SUMMARY

Flutter Developer with 2+ years of experience building cross-platform mobile apps and Python/Django REST APIs. Expert in Clean Architecture, native integration, and Dart Isolates. Reduced deployment times by 40% through CI/CD automation. Delivered 10+ production apps on App Store and Play Store.

### TECHNICAL SKILLS

**Mobile:** Flutter, Dart, Native Integration (Kotlin/Swift), KMP, CMP, Dart Isolates, Background Services

**Architecture:** Clean Architecture, MVVM, MVI, SOLID, Modular Architecture, Repository Pattern, DI

**State Management:** BLoC/Cubit, Riverpod, Provider, GetX | **Backend:** Django REST, PostgreSQL, Firebase, SQLite

**DevOps:** CI/CD (GitHub Actions, Codemagic), Docker, Nginx, VPS | **Methods:** Agile, JIRA, Git Flow, Testing

### PROFESSIONAL EXPERIENCE

#### Senior Software Engineer | Cogens

Canada (Remote) | Sep 2024 – Present

- Architected ERP ecosystem with 4 mobile apps (Parent, Staff, Student, Driver) using modular monolith approach
- Engineered real-time bus tracking using Dart Isolates and platform channels for persistent GPS tracking
- Co-developed backend with Django REST Framework, optimizing SQL queries for high-concurrency requests
- Established CI/CD pipelines via GitHub Actions, reducing deployment time by 40%

*Flutter, Django REST, PostgreSQL, Dart Isolates, GitHub Actions, BLoC*

#### Senior Flutter Developer | 3I Vision

Giza, Egypt (Hybrid) | Feb 2024 – Present

- Engineered AI-powered app for People Detection and License Plate Recognition with real-time processing
- Refactored legacy codebases, reducing app startup time by 30% through lazy loading optimization
- Built offline-first sync for inventory app using Hive/SQLite with cloud data consistency

*Flutter, AI/ML Integration, Hive, SQLite, Django REST APIs, Clean Architecture*

#### Software Engineer | Freelance

Remote | Jan 2022 – Jan 2024

- Managed complete SDLC for ride-booking and sports booking platforms for regional clients
- Architected serverless backends using Firebase Cloud Functions and Firestore
- Delivered cross-platform apps with multi-language support (Arabic/English) and RTL compatibility

*Flutter, Firebase, FastAPI, Google Maps API, BLoC, REST APIs*

### KEY PROJECTS

#### Cogens Parent App | School Management

Track attendance, payments, bus location, and receive real-time notifications

[App Store](#) • [Play Store](#)

#### Cogens Bus Driver | GPS Tracking

Real-time GPS tracking with Dart Isolates for persistent location updates

[App Store](#) • [Play Store](#)

#### 3I Vision App | AI Computer Vision

People Detection & License Plate Recognition with Django REST API

[App Store](#) • [Play Store](#)

#### Aramco Inventory | Enterprise

QR/barcode scanning with offline-first sync and cloud consistency  
*Internal (Aramco Staff Only)*

#### Yalla L3b | Sports Booking

Court reservations, player ratings, and venue discovery (Firebase)  
[Play Store](#)

#### Cogens Student App | Education

View schedules, grades, assignments, and communicate with teachers

[App Store](#) • [Play Store](#)

#### Cogens Staff App | HR Management

Attendance management, leave requests, and internal communication

[App Store](#) • [Play Store](#)

#### DataMind Agent | AI File Manager

AI-powered file classification using smart keyword analysis algorithms

[App Store](#) • [Play Store](#)

#### Adahi App | AI Agriculture

AI-based livestock health detection for agricultural applications

[Play Store](#)

#### Aman App | Ride Booking

Ride-booking platform with real-time navigation and geospatial queries

*In Development*

### EDUCATION

#### B.Sc. Computer Science | Cairo University | 2017 – 2022