

# Abdullah Adel Hemida

Mobile App Developer

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## Objective:

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As a mobile developer, specializing in building high-performance and scalable apps using Flutter, combines a strong understanding of algorithms and data structures to create Innovative solutions.

## Technical SKILLS

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- **Languages:** Dart, Java, SQL, MongoDB,C#, Python
  - **Frameworks & Tech:** Flutter, State Management, Firebase, REST APIs, Git, GitHub
  - **Core Concepts:** Data Structures, Algorithms, OOP, SOLID Principles, System Analysis & Design

## Soft SKILLS

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-Communication Skills	-Teamwork	- Time Management
- Problem Solving		

## LANGUAGES

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Arabic (Native), English (Pre-Intermediate A2)

## Professional Experience

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### Mobile Application Trainee | DEPI | Jun 2025 – present

- Developed cross-platform mobile apps using Flutter.
- Worked with REST APIs, Firebase Authentication.
- Practiced version control using Git and GitHub in team-based projects

## PROJECTS

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- **Egyptian Metro Route Planner:**

Built a Flutter mobile app to plan Cairo Metro routes with station autocomplete, nearest station detection via GPS, address search using Geocoding, and shortest path calculation with transfer handling. Displays fare, travel time, and detailed route info using clean UI and GetX state management.

- **Cairo Metro Route Planner:**

Developed a Dart console application to plan routes on Cairo Metro. The app takes start and end stations, suggests corrections for mistyped station names, and calculates the shortest path with transfers if needed. It also computes the ticket fare based on the number of stations and applies a 50% discount for users aged 60+. Used Dart's Maps and Lists to manage metro lines and stations, with clean and reusable code.

- **Language Learning App:**

Built a basic Flutter app with Dart for learning a language. The app shows a list of words or phrases with a simple quiz feature. Used ListView and basic navigation to move between screens.

- **Basketball Point Count App:**

Developed a Flutter app using Dart to count points in a basketball game. The app has buttons to add points for two teams and shows the score. Learned State Management with setState to update the UI when scores change.

## EDUCATION

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- Bachelor Of Computer Science at Arab Open University with GPA: 3.26 Sep 2022 – present