Mohamed Hamdy

Flutter developer

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Summary

A passionate Flutter Developer with proven expertise in Dart and the Flutter framework. Skilled in designing and developing cross-platform applications with responsive UIs and robust performance, while maintaining clean and well-structured codebases. Also experienced in backend development using .NET Framework, C#, and SQL. Possesses strong foundational knowledge in Object-Oriented Programming (OOP) and adheres to SOLID principles. Demonstrated ability to optimize application performance and deliver excellent user experiences. Eager to grow professionally in a collaborative environment that supports continuous learning and career advancement.

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Education

Bachelor's degree in Computer Engineering   **06/2025**

Higher Institute of Engineering and Technology – Behira

Skills

Programming Languages and Frameworks   Dart, C++ , C# , Flutter

Principles   SOLID Principles , Object-Oriented Programming (OOP)

State Management Bloc (Cubit)

Databases SQL Server , T-SQL

Other   RESTful API , Data Structures , Algorithms , Git , Github , HTML , CSS

Soft Skills   Very Adaptability , Team Player , Good Communication , Problem-Solving , Time Management , Attention to Details , Continuous Learning, critical thinking, Collaboration, Teamwork, Commitment

Projects & Work History

Educational and Nourish App   **10/2024 - present**

Description: A comprehensive mobile application designed to promote educational resources and student nutrition.

Contributions:

Designed and implemented a responsive UI using Flutter.

Integrated with RESTful APIs to fetch and display educational and nutritional data.

Highlights:

Completed the initial design and development phases within a set timeframe.

Received positive feedback from peers on user experience and usability.

Examuiz   3/2025

Description:

An application aimed at managing exams through personalized test creation and AI-driven performance analysis.

Contributions:

Developed key UI components using Flutter and integrated AI features for personalized testing.

Implemented a scalable project architecture using OOP principles and effective state management.

Connected the app with external APIs to retrieve and analyze test data.

Highlights:

Optimized interface responsiveness with improved load times by approximately 20% during internal testing.

The project is showcased as a core part of my portfolio and has been positively received during peer reviews.

Languages

- Arabic
- English