Osama Essam El_Din

FLUTTER DEVELOPER

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ABOUT ME

I am a dedicated Flutter Developer with a profound understanding of state management solutions, specializing in the BLoC architecture. I excel in architecting robust and scalable applications, leveraging my expertise in managing complex business logic and UI interactions. Adept at utilizing additional state management libraries, including Provider, GetX, and Riverpod, I streamline application development. I am known for delivering high performance, user-centric solutions through meticulous code organization and an innovative mindset.

SKILLS

- Dart |Flutter | Problem Solving |SOLID Principles
- OOP |Bloc Parrern|Riverpod | Getx
- Responsive UI | RESTfull APIs | MVC | MVVM | Clean Code
- Git | Github | VS code | Agile
- Team Work |Fast Learner |Time Management | Planning Skills
- UI/UX | Firebase | Google Map | Algorithms | Data Structure

TRAINING & COURSES

CS50 - Introduction to Computer Science
YouTube   *Oct 2019 - Jan 2020*

.Complete Flutter & Dart Development Course
Udemy   *Aug 2020 - Mar 2021*
https://www.udemy.com/course/best-and-complete-flutter-course-for-beginners

The Complete Flutter Development Bootcamp with Dart
Udemy   *May 2022 - Nov 2022*
- Officially created in collaboration with the Google Flutter team.

- https://www.udemy.com/course/flutter-bootcamp-with-dart

Flutter Clean Architecture
Udemy
- Advanced architectural principles for robust Flutter applications

-https://www.udemy.com/course/flutter-clean-architecture-2022-flutter-3-in-arabic/

Building Flutter RESTful APIs
YouTube

Git and GitHub Mastery
YouTube

Mastering Flutter SOLID Principles
YouTube   *Jan 2023 - Jan 2023*

Clean Code Principles by Uncle Bob
YouTube   *Feb 2023 - Apr 2023*

PROJECTS

Bio Fantasy Mobile App
Private Project *Jan 2022 - Nov 2022*
video link : https://tinyurl.com/yc4sehbk

github :**https://github.com/Osama-creator/bio-fantasy**

 Bio Fantasy educational app using Flutter for biology students. The app features a comprehensive curriculum, competitive student leagues, exams, and progress tracking. It includes a control panel for managing accounts, exams, attendance, and financial statistics.

Technologies Used: Dart, Flutter, firebase as a backend and Getx ,MVC ,Shared prfs,UI/UX ,Firestore, Senetry, youtube player

Quizhub (A complete educational App)
Front end Mobile Developer *Aug 2022*
video link :https://tinyurl.com/yc52bk2m

https://github.com/Osama-creator/quizhub

Developed an educational app using Flutter, integrating Restful APIs, GetX for state management, Dio for HTTP requests, and localization. The app features a student's area for solving exercises and participating in a community, a teacher's area for managing exams and student interactions, and a guardian's area for monitoring children's progress and grades

Technologies Used : Dart, Flutter, Restful apis/ getx / printing package / dio package / localization / theming and coloring /UI.UX

Safar Smart Mobile App
Team member *Mar 2023*
  https://play.google.com/store/apps/details?id=net.safar.smart

Developed a Flutter-based flight booking app that allows users to search, book, and manage flights. The app provides real-time flight information, booking history, and payment integration. It also includes features such as flight status updates, seat selection, and user profiles for managing travel details.

Here I have contributed to the manufacture of this application by making user interfaces and receiving some data from Apis and solving problems witjh state managment.

Spare - buying and selling car spare parts App
Team Member *Nov 2023*
  https://apps.apple.com/us/app/spare-%D8%B3%D8%A8%D9%8A%D8%B1/id6474090380

I payed a pivotal role in developing an innovative auto parts app, utilizing my skills in Flutter, Riverpod, and RESTful APIs. I took charge of 80% of the UI design, prioritizing a seamless user experience. Although I wasn't the sole creator, my contribution significantly shaped the app, delivering top-notch solutions within the automotive industry

EDUCATION

Computer Science college
Minia University *Sep 2022 - Present*
Expected Graduation Year - 2026

Secondary School Certificate
Sep 2019 - Aug 2021