

Youssef Mahmoud

Flutter developer

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Profile

I'm a passionate Computer Science student specializing in mobile app development with Flutter. I'm driven by curiosity and innovation, always seeking to grow my technical skills and build real-world solutions that solve meaningful problems and create impact, thrive in dynamic environments that challenge me to learn, create.

Professional Experience

08/2023 – 07/2024
Alex, Egypt

Problem-Solving Competitions

Competed in the ECPC (Egyptian Collegiate Programming Contest) in both 2023 and 2024, sharpening my algorithmic thinking and gaining hands-on experience in high-pressure, team-driven problem-solving environments.

Projects

02/2025 – 02/2025

Bookly App – Smart Book Discovery Experience

A feature-rich Flutter app for discovering books, integrated with Google Books API. Built using MVVM architecture, Bloc for state management, and GetIt for dependency injection. Includes Firebase authentication, smart search, onboarding screens, dark/light mode with Hive persistence, shopping list, image picker, animated splash screen, and a user drawer. Demonstrates strong skills in scalable architecture, clean code, and crafting intuitive, real-world mobile experiences

11/2024 – 12/2024

Food App - Smart & Seamless Food Ordering

Built a full-featured food ordering app using Flutter with a clean, refactored architecture. The app includes a splash screen, onboarding flow, Firebase-based authentication (login, signup, email verification, password reset), and real-time meal display via public APIs. Users can browse all meals, view detailed info, manage favorites, and add/remove meals in a dynamic cart. Integrated basic payment flow from the cart for a complete ordering experience

Education

10/2022 – 06/2026
Fayoum, Egypt

Pursuing a Bachelor's Degree in Computer Science
Fayoum University

Skills

Dart

C++

OOP

Data Structures & Algorithms

Problem Solving

Flutter

Bloc & Cubit

MVVM

Clean Architecture

Responsive UI

RESTful APIs

Postman

Firebase Services

DataBase & Flutter Secure Storage

Git - GitHub

Animations