

# habiba tarek

*Flutter Application Developer*

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## profile

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Aspiring Flutter developer with solid academic background in computer science and hands-on practice in mobile app development. Skilled in Flutter, Dart, and core programming languages like Java, C++, HTML, and CSS. Experienced in building responsive UI and understanding app architecture fundamentals

## Education

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Bachelor of Computer Science  
MTI University, Cairo  
2022 -2025 (Expected)

## Key Skills

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### Mobile App Development:

Flutter, Dart, Android, iOS, cross-platform development.

### Programming:

Java, C++, HTML, CSS, Python

### AI & Project Experience:

Generative AI, Image Inpainting  
Python, Keras, OpenCV

### Tools & Frameworks:

Git, GitHub, Basic Firebase

## projects

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### To-DoList Mobile App

- Built a fully functional mobile app using Flutter and Dart for task management. - Implemented local storage using shared\_preferences to save tasks. - Designed a modern, responsive UI with light and dark modes. - Demonstrated state management using setState.

### Easy - English Learning App

- Built an English-learning mobile app using Flutter (lessons, quizzes, progress tracking). - Implemented login, sign up, and user profile features. - Designed a clean, responsive UI with reusable components. - Stored user progress using local storage / backend integration.  
GitHub : <https://github.com/habibatarek28211/Eazy>

### Graduation Project – Generative AI for Image Inpainting

- Developed a web-based application using Python to restore missing parts of facial images. - Applied Generative Adversarial Networks (GANs) with CelebA dataset. - Implemented data preprocessing, training pipeline, and user-friendly web interface. - Enhanced output quality using L2 Loss and adversarial loss functions.

## Experience

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2025 - present : Teacher Assistant at Faculty of computer Science ,New Cairo Academy (N.C.A)  
Flutter & Dart Development – Optical (Certified)  
English Language Certificate – Bright Bridge (Certified by Egyptian Ministry of Foreign Affairs)  
Human Resources Certificate – [AL YOUSSEF]

## Languages

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- Arabic - Native
- English - Good (Certified by Bright Bridge)