# Ahmed Ghaly

## Flutter Developer

#### PROFILE

Enthusiastic Flutter developer with a solid foundation in mobile app development and a passion for creating efficient, visually appealing applications. Skilled in transforming design concepts into efficient, user-centric applications that solve real-world challenges. Dedicated to delivering high-quality, scalable mobile apps and committed to continuous learning and professional growth.

#### **EDUCATION**

#### Kafr El-Sheikh University

Bachelor of Artificial Intelligence Science

Sep 2020 - June 2024

#### EXPERIENCE

## Flutter Developer Intern

Sep 2024 - Nov 2024

Remote

Cellula Technologies

- Developed and integrated AI-driven features into Flutter mobile apps using various AI APIs.
- Collaborated with a team of developers using Agile methodology, participating in weekly sprint meetings.
- Built and tested responsive UIs for mobile applications, ensuring seamless performance on multiple devices.
- Worked on debugging and optimizing Flutter applications to improve user experience and performance.
- Assisted in the development and maintenance of Flutter-based apps for multiple clients, delivering high-quality solutions within deadlines.
- Collaborated in code reviews and shared best practices to improve the overall quality of the team's Flutter applications.

## Projects

**ICare 𝚱** | Child Care, AI — Technologies: Flutter (Graduation Project A+)

- Designed and implemented AI-powered functionalities including a Baby Cry Predictor to identify baby's needs through audio analysis and ICareBot for instant parenting advice.
- Implemented Speech Therapy Module: Created a structured speech therapy feature with multiple exercise levels to help children with speech difficulties, providing personalized feedback and progression tracking.
- Developed community-building features like posts, comments, likes, bookmarks, and private messaging, enabling mothers to connect, share experiences, and support each other within the app.
- Built user-centric features such as daily parental tips, emergency medical information access, and a dark theme for comfortable viewing, ensuring practical support and ease of use for mothers.

**Linkup** § | Social Networking — Technologies: Flutter

- Developed 'Linkup'—a versatile social app with features including Posts, Create Post, and Like Post to enhance user interaction within the community.
- Integrated functionalities such as Comment on a Post, Chat, and Follow/Unfollow, fostering meaningful interactions and real-time connections.
- Optimized user experience with features like Search for Other Users, People Who Liked the Post, and Delete Account, enhancing user engagement and profile management.

Roome & | Hospitality — Technologies: Flutter

- Designed and developed Roome, a platform enabling users to find and book hotels tailored to their preferences including Near Me, Recommended, and Popular options.
- Implemented a robust hotel booking system facilitating hassle-free searches, access to detailed hotel information, and seamless reservation capabilities.

## **Storeify** | E-Commerce — Technologies: Flutter

- A dynamic e-commerce Flutter app designed for seamless user experiences with features including product categories, stores, and a fully integrated cart system.
- Developed secure and efficient checkout processes with multiple payment gateway integrations, ensuring smooth transactions for users.
- Implemented a robust product browsing system with optimized store interactions, enhancing performance and user engagement.
- Focused on delivering a highly intuitive and responsive interface, providing users with an effortless navigation and shopping experience across all categories.

## **Koko** ∅ | AI — Technologies: Flutter, TensorFlow Lite

- Developed Koko, a mobile application using Flutter and TensorFlow Lite for classifying chicken diseases through image recognition.
- Trained a deep learning model on a dataset of chicken images to accurately predict various diseases, enhancing preventive care in poultry farming.

## SOFT SKILLS

Communication Team Collaboration
Time Management Listening
Adaptability Attention to Detail
Curiosity and Eagerness to Learn Client-Focused Mindset

#### TECHNICAL SKILLS

Dart OOP
Problem Solving Flutter
Mobile Application Development UI/UX Implementation

State Management (Bloc & Cubit) Firebase
RESTful APIs Clean Architecture

MVVM Pattern Git

GitHub Payment Gateways

Responsiveness

#### CERTIFICATES

The Complete Dart Learning Guide  $\mathscr{O}$ The Complete Flutter & Dart Development Course  $\mathscr{O}$ Mobile Development using Flutter - ITI
Flutter & Dart Complete Development Course  $\mathscr{O}$ Flutter Clean Architecture  $\mathscr{O}$ Flutter Payment Integration  $\mathscr{O}$ Mastering Flutter: Responsive & Adaptive UI Design  $\mathscr{O}$ 

#### LANGUAGES

Arabic: Native proficiency English: Fluent