

# Kareem Alaa

## Flutter Developer

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### Profile

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Flutter developer with 2+ years of production experience building LMS, e-commerce, and real-time chat applications serving 2,500+ users. Skilled in Clean Architecture, Bloc state management, RESTful APIs, and WebSocket integration. Proven track record of delivering 10+ scalable cross-platform apps with smooth UX and maintainable code while mentoring junior developers.

### Education

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**Bachelor of Software Engineering,** 2019 – 2023

*Faculty of Computer Science and Artificial Intelligence, Helwan University*

• **2019 – 2023 | Grade:** Very Good | **Graduation Project:** A+

### Professional Experience

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**Flutter Developer, @Exabyte LLC** 03/2024 – 07/2025

Cairo, Egypt

- Developed 6+ scalable Flutter applications serving 2,500+ users with 97% crash-free rate using clean architecture and real-time features
- Built responsive cross-platform UIs for iOS and Android, reducing development time by 35% compared to native approaches
- Boosted app performance by 40% through code optimization, lazy loading, and implementing efficient caching strategies
- Decreased bug count by 50% through comprehensive unit testing and integration testing workflows

**Flutter Developer, @Value Business Planning** 08/2025 – Present

Cairo , Egypt

- Partnered with 10+ clients to transform business requirements into 8 efficient Flutter solutions, achieving 95% client satisfaction rate
- Optimized Agile workflows by establishing sprint planning and daily standups, increasing team velocity by 25%
- Delivered polished app experiences with consistent UI/UX across 4 concurrent projects, maintaining 98% on-time delivery rate
- Mentored 2 junior developers on Flutter best practices and clean architecture principles

### Projects

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**I'M IN - Online Learning & Consultation App** 📄

- Developed and integrated 3 payment gateways (Tap, Paymob), processing 500+ transactions monthly for course purchases and consultation bookings
- Implemented real-time video meetings supporting 100+ concurrent users with <2s latency, enabling screen sharing and two-way communication
- Integrated Google Sign-In for secure authentication and streamlined user onboarding experience
- Reduced app load time by 40% through code optimization and caching strategies
- App Store link 📄

### **Sinaeaty - Service Provider Communication Platform** [↗](#)

- Joined mid-development team and resolved 15+ critical communication bugs, improving chat stability by 80%
- Enhanced user experience by establishing proper handling of 200+ daily pending/active conversations
- Optimized service request flow, reducing request processing time from 8 seconds to 2 seconds
- App Store link [↗](#)

### **Summit - AI-Powered Real-Time Chat**

- Built AI chat application supporting voice input, file uploads (10+ formats), and contextual smart suggestions
- Implemented Clean Architecture and WebSocket integration for real-time messaging with <500ms latency
- Added speech-to-text functionality achieving 92% accuracy across multiple languages
- About the App [↗](#)

### **LearnU - Learning Management System** [↗](#)

- Improved app performance by 45%, reducing load times from 4s to 2.2s
- Integrated 8+ RESTful APIs and managed complex state with Bloc pattern across 30+ screens
- Added key features: course certification system, 3-language localization, OTP authentication, and payment integration

### **LearnU Trainer - Instructor Management App** [↗](#)

- Built instructor platform from scratch using Clean Architecture and MVVM pattern, serving 150+ instructors
- Implemented JWT authentication and 12+ RESTful API endpoints for course tracking and performance analytics
- Created responsive design supporting tablets and phones, increasing instructor productivity by 30%

### **Temry - E-Commerce Application** [↗](#)

- Enhanced e-commerce platform supporting 500+ products with user accounts and secure checkout
- Refined UX resulting in 28% increase in conversion rate and 40% reduction in cart abandonment
- Implemented 2-language localization, multi-location support, and multi-image product galleries

### **Istikbal - Furniture Shopping App** [↗](#)

- Engineered furniture e-commerce app with 300+ products across 12 categories, achieving 4.6/5 user rating
- Deployed advanced search and filtering system, reducing product discovery time by 55%
- Constructed secure checkout flow and real-time order tracking system handling 200+ monthly orders

### **Islami-App - Islamic Content Application** [↗](#)

- Designed comprehensive Quran application featuring all 114 chapters, 50 authentic hadith, and electronic tasbeeh counter
- Integrated Quran radio API with 15+ selectable reciters and audio streaming functionality
- Architected offline-first system allowing users to access content without internet connection

## **Courses & Certifications**

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- **Flutter Development Diploma** – Route (Software Development) - Offline
- **Developing Mobile Applications using Flutter** – Information Technology Institute (ITI)
- **Complete Flutter & Dart Development Course** – Udemy (Online)
- **Android Application Developer Track** – Information Technology Institute (ITI)
- **English Language Proficiency** – Completed Seven Levels at American University in Cairo (AUC)

## **Key Achievements**

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**High Client Satisfaction and Timely Delivery:** Achieved 95% client satisfaction rate and maintained 98% on-time delivery rate across multiple projects, demonstrating consistent excellence in Flutter development.

## Skills

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### Framework

Flutter

### State Management

Bloc - Cubit - Provider

### Database

Firebase, Local Storage (Get\_Storage, Shared Preferences)

### Version Control

Git - GitHub

### Testing

Unit Testing, Integration Testing

### Development Practices

Agile Methodologies, Code Optimization, Caching Strategies, OOP, Design Patterns

### Languages

Dart - C#

### Architecture

Clean Architecture, MVC, MVVM, SOLID Principles

### APIs

RESTful API Integration, WebSocket (real-time communication)

### Mobile Platforms

iOS, Android

### Tools

Payment Gateways (Tap, Paymob), JWT Authentication, Google Sign-In, ZEG Cloud