

Mohamed AboBakr

Mobile Developer

 +20 111 483 467  Email  GitHub  LinkedIn  Portfolio Cairo, Egypt

Summary

Passionate Mobile Developer with a strong foundation in Java, Kotlin, and Flutter. Dedicated to crafting smooth, user-friendly applications with intuitive UI/UX and optimized performance. Experienced in building scalable apps, integrating REST APIs, custom backends, and delivering production-ready solutions.

Technical Skills

Languages: Java, Kotlin, Dart, Python, HTML/CSS, JavaScript

Frameworks / Tools: Flutter, Android, Git, GitHub

Other: Reactive programming, REST APIs, Database, MVVM, MVI, Clean Architecture

Professional Experience

Flutter Developer, Freelance

Apr 2025 – Present

Remote

- Developed cross-platform mobile applications using Flutter and Dart.
- Integrated REST APIs, local databases, and custom backend services for real-time functionality.
- Collaborated with designers to deliver elegant, user-friendly interfaces and animations.
- Wrote clean, maintainable, and scalable code following modern design patterns.

WordPress Developer, American Softwares

Dec 2024 – Present

Giza, Egypt

- Developed and customized WordPress themes and plugins using HTML, CSS, JS, and PHP.
- Optimized websites for performance, SEO, and responsive design across devices.
- Troubleshoot and resolved backend issues and enhanced security protocols.
- Leveraging AI-powered tools throughout the development cycle to enhance productivity, optimize code quality, and accelerate problem-solving.

Projects

Furniture Shopping App

- A Flutter-based e-commerce app with product browsing, 3D visualization, and secure checkout.
- Features include authentication, product filtering, and caching for offline use.
- Built using REST APIs, Room DB, and Provider for efficient state management.

Journal News App

- Android app that aggregates real-time RSS feeds with offline reading support.
- Implements MVVM architecture, LiveData, and Room DB for performance and reliability.
- Offers user customization, search filters, and dark/light themes for better UX.

Chat App

- A real-time messaging app built with Flutter and a custom backend using WebSocket and HTTP.
- Implements authentication, encrypted messaging, and delivery tracking for reliable communication.
- Supports one-to-one and group chats, media sharing, and message read receipts.
- Backend built with Node.js and Express, handling socket-based bi-directional communication.
- UI follows Material 3 design principles and adapts fluidly across Android and iOS.

Image Match Game

- An interactive image matching game built in Kotlin with smooth animations and scoring logic.
- Features random layouts, difficulty levels, and local score tracking.
- Designed with dynamic UI and sound feedback to enhance engagement.

Education

6 October University

B.E. in Computer Science

Sep 2014 – Jul 2018

Cairo, Egypt

Certificates & Courses

- Android Kotlin Development Nanodegree — Udacity
- Developing Mobile Apps for Android using Java — Mahara Tech
- Getting Started with Git and GitHub — Coursera
- Web Development (HTML & CSS) — Udacity
- JavaScript Intermediate — SoloLearn
- AI & Data Science: Generative AI Professional — DEPI