

Mohamed Elgohary

Mobile Developer

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Professional Summary

Highly skilled Mobile Developer with comprehensive experience building production-ready applications across native Android (Kotlin/Jetpack Compose) and cross-platform (Flutter/Dart, KMP). Proven ability to optimize application performance. Expertise in modern architectures like Clean Architecture and MVVM, with a strong background in Agile collaboration and data-driven development.

Experience

Mobile Developer | Apps Square

Nov 2025 – Present

- Leading the development and maintenance of high-traffic mobile applications using both Native Android and Flutter.
- **Crepe & Waffle** (Production): Managing and updating the existing Native Android application to ensure stability on the latest OS versions. Currently spearheading the complete migration of the codebase to Flutter to unify the platform and improve maintainability.
- New Product Development: Architecting and developing three confidential mobile applications using Flutter, focusing on scalable architecture and clean code principles.
- Collaborating with cross-functional teams to define requirements and ship features in an Agile environment.

KMP Developer | Inside Tech

August 2024 – Oct 2025

- Developing two production-ready mobile applications (**Bismar**) using Kotlin Multiplatform, and Jetpack Compose, applying Clean Architecture and reusable UI components.
- Delivering scalable features in collaboration with backend/design teams.
- Improved app performance by 25% through smart caching and background sync strategies.
- Apply Clean Architecture and create reusable UI components.
- Developed core features such as room booking, staff management, and reporting of a hotel management app using Jetpack Compose and MVVM.
- Collaborated in Agile sprints with backend developers to ensure smooth integrations.

Software Engineer Intern | Manara

12/ 2024 - 6/25 (7 months)

- Focused on advanced algorithms, data structures, and problem-solving.
- Enhanced critical thinking and technical skills through hands-on coding challenges on LeetCode.

Android Developer Intern | The Chance

02/2023 - 10/2023 (8 months)

- Designed and developed native Android and cross-platform mobile applications.
- Led team projects, ensuring adherence to deadlines and code quality standards.

Projects

Ramtex (End-to-End Solution): Delivered a complete digital ecosystem for a textile business. Built the Web Storefront, Admin Dashboard, and Mobile Application. Handled the full stack (Frontend, Backend, and Database), resulting in a unified system for sales and inventory management. React.js for Dashboard, Flutter for Mobile.

Bismar – Construction Materials Marketplace (Production System): Developed Bismar mobile apps (Customer & Seller) using Kotlin Multiplatform with shared UI and business logic. Implemented login, subscriptions, and product browsing, following Clean Architecture and using Koin for dependency injection.

Canadian Medical Platform: Developed the backend infrastructure for a specialized medical application serving doctors in Canada Built using Supabase.

Hotel Management System (Production System): Enhanced client satisfaction by developing a large-scale hotel management tablet app and features like inventory control and automated reporting.

Honey Mart: Suite of Android apps for users, owners, and administrators built upon a multi-module architecture with Jetpack Compose for the UI

BlogMultiplatform: Unified a full-stack Kotlin multiplatform blog for Android, iOS, and Web using Kotlin Multiplatform, reducing development time by 30%.

Sky Cast led the development of a cross-platform weather app using Kotlin Multiplatform, Ktor for API requests, and Koin for dependency injection.

Technical Skills

- **Programming Languages:** Kotlin, Java, Dart
- **Mobile Development:**
Cross-Platform: Flutter, Kotlin Multiplatform (KMP), Legacy Code Maintenance
Android: Android SDK, Jetpack Compose, Room, Retrofit, Material Design
- **Tools & Platforms:** Android Studio, Git, Firebase, RESTful APIs, CI/CD
- **Testing & Optimization:** Unit Testing, JUnit, Espresso, Debugging, Performance Optimization
- **Soft Skills:** Team Collaboration, Critical Thinking, Agile Methodology
- **Architectures:** MVVM, Clean Architecture, OOP, Design Patterns, SOLID Principles, Multi-module Architecture
- **Other Skills:** Responsive Design, Mobile Security Best Practices, Mobile Analytics, Problem Solving (LeetCode)

Education

Bachelor's Degree in Computer Science | AOU (2023)

- Specialized in Algorithms, Data Structures, and Object-Oriented Design.

Certifications

Meta Mobile Developer Professional Certificate | Coursera

6/24 to 8/24 (4 months)

- Gained advanced skills in Jetpack Compose, Kotlin Coroutines, and Clean Architecture.

Advanced Android Kotlin Development Nanodegree | Udacity

9/22 to 12/22 (4 months)

- Proficient Android Developer with expertise in user-centric Android development.

Career Essentials in Software Development | Microsoft

1/2023 to 5/2023 (5 months)

- Gained proficiency in software engineering and development fundamentals.

Become a Mobile App Developer | LinkedIn

6/22 to 8/22 (3 months)

- Completed 10 courses focusing on mobile application development.

Languages

- **Arabic:** Native
- **English:** Proficient