

# Mohamed Ehab

## Mobile Engineer (Flutter & Android)

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[LinkedIn Profile](#) | [Portfolio](#)

## Professional Summary

Results-driven Mobile Engineer with 3+ years of experience building scalable cross-platform and native applications for international markets. Specialized in **Flutter**, **Dart**, and **Android (Kotlin)**, with a strong foundation in **Clean Architecture** and **SOLID principles**. Proven ability to work autonomously in remote, asynchronous Agile teams. Uniquely positioned with PMP/Agile certifications and full-stack Dart capabilities, bridging the gap between high-performance mobile UI and robust backend architecture.

## Core Technical Skills

- **Mobile Development:** Flutter, Dart, Android Native (Kotlin), UI/UX Design Principles.
- **Architecture & Design:** Clean Architecture (Data, Domain, Presentation Layers), SOLID Principles, Design Patterns, OOP, Data Structures & Algorithms.
- **Cloud, DevOps & Tools:** Firebase (Auth, Realtime DB, Cloud Messaging, App Distribution), Git/GitHub, CI/CD Pipelines, Cursor, Claude Code.
- **Methodologies:** Agile/Scrum, Asynchronous Collaboration, Project Management Lifecycle (PMP, PMI-ACP).

## Professional Experience

### Mobile Engineer (Flutter & Android) | PetroApp | Feb 2023 – Present

- Architect and deploy high-performance cross-platform applications using Flutter and Dart, serving distributed user bases.
- Design and enforce **Clean Architecture** patterns across the codebase, ensuring high maintainability and reducing technical debt for future scaling.
- Manage end-to-end mobile deployment pipelines, including Firebase configuration and automated CI/CD workflows for rapid release cycles.
- Collaborate daily within a remote-first Agile environment, managing cross-border communication and delivering complex features under tight deadlines.

### Junior Flutter Developer | CAD | Nov 2022 – Dec 2022

- Developed core mobile features within an intensive, collaborative software development life cycle.
- Utilized Git/GitHub for version control, participating in code reviews to maintain adherence to SOLID principles.

## Education

- **Intensive Training:** Frontend & Cross-Platform Mobile Development, **ITI** (2021).
- **Bachelor of Science in Computer Science:** **Modern Academy** (2020).

## Certifications

- **Project Management:** Project Management Professional (**PMP**) & **PMI-ACP** (Agile) — *Engineering Tracks*.
- **Web Development:** Angular Development Cross-Skilling Nanodegree, Udacity (2022).
- **Mobile Engineering:** The Complete Flutter & Dart Development Course, Udemy.
- **Algorithms:** Summer Problem-Solving Training Level 1, Coach Academy.

## Languages

- **Arabic:** Native
- **English:** Professional Working Proficiency (Highly capable in written/verbal technical communication).