

# SHUKUR MAHMOOD

Senior Flutter Engineer

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## SUMMARY

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**Senior Flutter Engineer** with 5+ years of experience building **scalable, production-grade mobile applications** used by **tens of thousands of users** in fintech, e-commerce, and government sectors. Strong background in **Clean Architecture, state management, CI/CD**, and cross-team collaboration. Proven ability to lead development and ship reliable apps.

## TECHNICAL SKILLS

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**Mobile Development:** Flutter, Dart, Android, iOS

**Architecture:** Clean Architecture, MVVM, Feature-first

**State Management:** Riverpod, Provider, GetX

**Backend & APIs:** RESTful API Integration, Firebase, Firestore

**DevOps & Tools:** Git/GitHub, CI/CD (Bitrise), Shorebird (OTA Updates), Sentry (Error Monitoring), FCM Notifications, GitHub Actions

## EXPERIENCE

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### Senior Flutter Engineer

**Miswag (3/2025 - Present)** • Baghdad, Iraq • Full-time • On-site • <https://miswag.com>

- Lead development of **Miswag Seller App** used by merchants to manage orders, inventory, and analytics, handling everything in real-time.
- Designed scalable architecture using Clean Architecture, **Riverpod**, **Dio** and **Retrofit**.
- Implemented secure authentication, deep linking integration, multi-merchant switching, and full Arabic/English localization.
- Integrated **Firebase**, MoEngage, and **Sentry** to improve engagement and reduce crashes.
- Improved release speed via Shorebird OTA updates and **Bitrise** CI/CD.

### Mobile Application Developer

**Tabadul (1/2024 - 3/2025)** • Baghdad, Iraq • Full-time • On-site • <https://tabadul.iq>

Led the development of 3+ mobile projects, focusing on fintech solutions and agent management systems.

- **Tabadul® T2A Platform (Agents):** Built the app for super dealers, dealers, and agents. The app facilitates cash deposits, money transfers, and access to financial services from anywhere.
- **Tabadul® EVD:** Developed a secure e-voucher purchasing app featuring seamless e-payment integration for digital transactions.
- **OPDC® GCD:** Developed both customer and agent applications for OPDC, integrating RESTful APIs, **GetX** for state management, **Google Maps** for geolocation features, **Firestore** for real-time agent tracking, and Firebase Cloud Messaging (**FCM**) for push notifications.

**NASS AL-IRAQ HOLDING (11/2019 - 1/2024)** • Baghdad, Iraq • On-site • <https://ni.iq>

- **Mobile Application Developer (10/2022 - 1/2024)**
  - Deployed 4 cross-platform apps (iOS & Android) using Dart and Flutter, implementing Null Safety and **Provider** for state management.
  - **MOHESR Official App:** Developed a user-friendly Flutter app for the Ministry of Higher Education (MOHESR), serving 10K+ users, implementing real-time push notifications via Firebase Cloud Messaging (FCM).
  - **AlZaeem Express:** Built a suite of 3 logistics apps featuring QR code scanning, real-time status updates, and complex API integrations for seamless order handling.
  - Integrated **65+ RESTful APIs** (Dio/HTTP) and implemented JWT authentication to ensure secure data retrieval and validation.
- **Lead Front-End Developer (11/2019 - 1/2024)**
  - Led and mentored the Front-End team, overseeing client-facing projects and bridging communication between design and backend teams.
  - **MOHESR Official Website:** Built a robust front-end capable of handling massive traffic spikes, successfully managing 1.5 million visitors within 10 minutes of a major job posting.
  - **PE-Gate Platform:** Developed a college application platform for **120k+ graduates**, handling 15,000 concurrent visits within 3 hours of launch.

## EDUCATION

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### Software Engineering

**Al-Mansour University College (01/2011 - 12/2015)** • Baghdad, Iraq

Honed problem-solving, design, development skills in multiple languages, with critical thinking and strong teamwork.

## LANGUAGES

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### Arabic

Native

### English

Professional working proficiency