

# PROJECT 01 - QIBLA COMPASS (FLUTTER)

## PUBLIC NAME

Qibla Compass - ■■■■■■

## TYPE

Public mobile app (Android + iOS)

## DATE / STATUS

Published: Mar 7, 2025 (active)

## ONE-LINE SUMMARY

Cross-platform Qibla compass app that calculates the Qibla bearing using the user's GPS location and device sensors, with Islamic utility features (nearby mosques map, Tasbeeh counter, Asmaa Allah Al-Husna) and a subscription to remove ads.

## TARGET USERS

Muslims who need a fast Qibla direction and quick Islamic utilities while at home or traveling.

## MY ROLE

Solo developer.

Owned: Flutter development, sensor/location integration, Google Maps integration, subscriptions (Android + iOS), restore purchases, AdMob + analytics integration.

## KEY FEATURES (PORTFOLIO BULLETS)

- Qibla direction calculation based on current location
- Real-time compass UI + multiple compass themes
- Nearby mosques locator (Google Maps) with map markers around the user's location
- Digital Tasbeeh counter (33 and beyond)
- Asmaa Allah Al-Husna (99 names) screen with details per name
- Remove-ads subscriptions (monthly / 6 months / yearly)
- Restore purchases implemented and verified across devices for both stores

## PERMISSIONS / DEVICE CAPABILITIES

- Location permission (required)
- Uses device sensors (compass/magnetometer/accelerometer depending on device)
- Internet needed mainly for maps/nearby places data and ads

## TECH STACK

- Flutter / Dart
- in\_app\_purchase (subscriptions + restore)
- Google Maps SDK (Flutter plugin)
- Google AdMob
- Google Analytics (Firebase)

## **TECHNICAL HIGHLIGHTS (SELLING POINTS)**

- Solid cross-platform purchase flows (subscribe, restore, re-install/new device)
- Clean separation between UI (compass/maps/screens) and services (location/sensors/purchases)

## **PROOF ASSETS**

- Google Play: <https://play.google.com/store/apps/details?id=com.esmail.qibla.qibla3arabapp>
- App Store: <https://apps.apple.com/eg/app/qibla-compass-%D8%A7%D9%84%D9%82%D8%A8%D9%84%D8%A9/id6744364183>
- Demo video (no ads, renamed): work/media/project\_01\_qibla/assets/qibla\_demo\_01\_no\_ads.mp4
- Screenshots (renamed): work/media/project\_01\_qibla/assets/

## **KEYWORDS (FOR MATCHING JOBS)**

Flutter, GPS, Location Services, Sensors, Compass, Magnetometer, Google Maps, In-App Purchases, Subscriptions, Restore Purchases, AdMob, Analytics