Mohammed Safwan

Flutter Developer

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Flutter Developer with 1+ years shipping cross-platform apps from a single Dart codebase. NoProxy HR, Bizz Companion and Family Tree Maker live on Play Store/App Store, author of face_match_kit SDK (160/160 pub points).

TECHNICAL SKILLS

Mobile: Flutter, Dart, Kotlin, Swift, Riverpod, BLoC, Provider, Android/iOS native

Backend & Data: Firebase Auth, Firestore, Cloud Functions, Appwrite, REST APIs, SQLite/Drift

Device Features: MethodChannel/native bridge, Camera, background services, geofencing, notifications, on-device ML (OpenCV, MediaPipe/LiteRT, ML Kit)

Testing & Tools: Unit and widget tests, Git, CI/CD, TypeScript, Python, Gemini API

EXPERIENCE

Full-Stack Developer
Nov 2025 - Present

Thumbeja Publicity | *Mangalore*

- Built NoProxy Flutter HR app and Firebase backend for attendance, leave, and employee management.
- Implemented facial attendance verification using in-house face_match_kit SDK (offline enrollment, liveness, 1:1 matching), plus GPS tracking and geofencing for field employees.
- Added five-role access controls and Firebase-backed offline sync.
- Built and shipped Bizz Companion for Android and iOS via Play Console / App Store Connect, including planning, CRM, and Firebase-backed workflows.

Technical Operations Analyst
Jun 2025 - Oct 2025

Cognizant | *Mangalore*

- Managed operations and production data workflows for the CoreLogic mortgage platform, supporting banking SLAs.

Freelance Flutter Developer
Jan 2025 - Present

Self-employed | *Remote*

- Delivered client Flutter apps in Agile team from requirements through development and feedback.
- Integrated Firebase backends, REST APIs, Riverpod/BLoC state management, and Kotlin-backed platform channels.

SELECTED PROJECTS

NoProxy | HR Management App
Website | Play Store

Flutter, Riverpod, Firebase, GCP

- Built role-specific workflows for employees, managers, HR, and admins, including leave approvals and reporting.
- Integrated Cloud Functions for PDF generation and notifications, with Remote Config for app update controls.

Bizz Companion | Planner & CRM
Play Store | App Store

Flutter, Riverpod, Firebase

- Shipped an Android and iOS app combining personal planning with CRM leads, contacts, and follow-ups.
- Added contact import, local reminders, WhatsApp messaging, and Firebase access rules.

face_match_kit | On-device Face Verification SDK
pub.dev | GitHub

Flutter, OpenCV (YuNet, SFace), MediaPipe, LiteRT, Camera

- Published open-source SDK on pub.dev (160/160 pub points) for offline guided enrollment, liveness challenges, and 1:1 verification on Android and iOS.
- Shipped enrollment/verification widgets, detection/align/embed pipeline, and tamper-evident templates with tests and CI.

steady_async | Flutter Async UI Packages
pub.dev | GitHub

Flutter, Dart, Riverpod, BLoC, GitHub Actions

- Published Flutter packages on pub.dev for loading, retries, cancellation, and pagination, with Riverpod and BLoC adapters.
- Added regression/widget tests for cancellation, retained data, and error states, with CI.

Our Family: Tree Maker
Play Store | App Store

Flutter, Provider, Firebase (Auth, Firestore, Storage)

- Shipped family-tree maker with auth, Firestore sync, photo sharing and PDF export, live on Play Store.

EDUCATION

Bachelor of Computer Applications (BCA)
Jun 2022 - May 2025

St. Aloysius College, Mangalore

Languages: English, Hindi, Kannada, Beary