

ZULFIQAR ALAM

MOBILE APPLICATION ENGINEER | FLUTTER DEVELOPER

zulfiqaralam651@gmail.com | +92 314 9807774 | Karachi, Pakistan (Open to Relocation)
[linkedin.com/in/zulfiqar-alam](https://www.linkedin.com/in/zulfiqar-alam) | github.com/ZulfiqarAlam18 | zulfiqaralam18.github.io

PROFESSIONAL SUMMARY

Mobile Application Engineer with 2+ years of experience building and shipping Flutter apps, including 4 live on Google Play across e-learning, productivity, and document scanning. Works across the full app stack: GetX/Provider state management, REST and Stripe integrations, offline-first storage, and AWS (Cognito, S3, EC2) backends. Has led Flutter delivery on client projects from first build to Play Store release.

SKILLS

- **Mobile Development:** Flutter, Dart, cross-platform apps, maps (flutter_map), video playback
- **State Management & Architecture:** GetX, Provider, BLoC, clean architecture (data, domain, presentation), OOP
- **APIs & Integrations:** REST APIs (Dio), Stripe payments, Firebase Cloud Messaging, local notifications, AWS Cognito (Amplify)
- **Data & Offline:** SQLite (sqflite), Floor, Hive, SharedPreferences, offline-first design
- **On-Device AI & ML:** Google ML Kit (document scanning, OCR), TensorFlow API integration
- **Release & Tools:** Play Store publishing, Android release signing, GitHub Actions (CI/CD), Git
- **Backend (working knowledge):** Firebase, Node.js/Express, AWS S3

EXPERIENCE

Mobile Application Developer

Aug 2026 – Present

Sapphire Consulting Services

- Ship Flutter features end-to-end in production apps, covering responsive UI, state management, and REST API integration.
- Trace and fix production defects across UI, networking, and local data layers to keep releases stable.
- Work with backend developers on API changes and support production releases with post-release improvements.

Freelance Flutter Developer

Aug 2024 – Aug 2026

Independent Contracting, Remote

- Led Flutter delivery for 2 client e-learning apps, Ascender Online and IMAT, from first build to Google Play release and post-release fixes.
- **Ascender Online:** integrated REST APIs, Firebase push and local notifications, protected video playback, and a map-based campus module; set up GitHub Actions CI/CD.
- **IMAT:** built on GetX with clean architecture (data, domain, presentation); integrated Stripe payments, secure token storage, video lessons, and quizzes.
- Coordinated day-to-day with backend developers to align API contracts and resolve integration issues before release.
- **Live:** [Ascender Online \(Google Play\)](#) | [IMAT \(Google Play\)](#)

PROJECTS

Routinely — Habit Tracker & Todo Manager (Self Project, Live on Google Play)

- Built end-to-end as an offline-first app: weekly/monthly habit cycles, streaks, achievements, and todos with priority and due dates.
- Implemented scheduled notification workflows (daily reminders, streak-risk alerts, weekly summaries), fl_chart analytics, CSV/PDF export, and JSON backup/restore.
- **Stack:** Flutter, GetX, SQLite (sqflite), flutter_local_notifications, fl_chart | [Google Play](#)

ScanLite — Document Scanner, OCR & Converter (Self Project, Live on Google Play)

- Built multi-page document scanning with Google ML Kit, image filters, PDF generation, and OCR text extraction, with English and Urdu support.
- Designed scan organization and export/share flows, connected the app to a document conversion API, and configured Android release signing.
- **Stack:** Flutter, Provider, Hive, Google ML Kit, pdf, file_picker | [Google Play](#)

Cropix — Crop Disease Detection & Community App (Collaborative)

- Built the Flutter client: leaf-image capture and multipart upload to a TensorFlow inference API, results with confidence scores and treatment advice, and a community feed.
- Implemented Cognito sign-in through AWS Amplify and a community feed with image posts, comments, and likes.
- **Stack:** Flutter, GetX, image_picker, HTTP, AWS Amplify/Cognito

LocateLost — Missing Children Reunification Platform (Final Year Project, Team Lead)

- Led the project team, coordinating Flutter and backend work across the build.
- Built the multi-role Flutter app (parents, finders, police) for case reporting, image upload, and status tracking, backed by facial-matching APIs.
- **Stack:** Flutter, GetX, Dio, AWS Cognito/S3, REST APIs

EDUCATION

Bachelor of Software Engineering

Nov 2021 – Dec 2025

Mehran University of Engineering & Technology (MUET), Jamshoro (HEC Recognized)

CERTIFICATIONS

- **AWS Cloud Technical Essentials** — Coursera (IAM, Cognito, EC2, VPC, cloud security)

LEADERSHIP & ACTIVITIES

- Co-Lead, Google Developer Student Clubs (GDSC), MUET
- President, Delta Tech Info (DTI)

Languages: English, Urdu, Sindhi