

# ALI HASSAN

Senior Flutter Mobile Application Developer | 5+ Years Experience

+92 310 160 6012 | alihassan10120@gmail.com | linkedin.com/in/alihassan-004 | de.ali.netlify.app | Pakistan — Open to Remote & Relocation

## SUMMARY

Senior Flutter Mobile Application Developer with **5+ years** shipping **12+ production cross-platform applications** across fintech, edtech, e-commerce, healthcare, hospitality, and Web3/Decentralized Identity for clients in Pakistan, Oman, Cambodia, and the Netherlands. Led a 4-engineer mobile team, drove CI/CD adoption that cut release cycles by **40%**, and architected BLoC-based applications serving **50K+ active users**. Proven delivery of Stripe and IAP payment integrations processing live transactions, Firebase backend services, Unity engine integration, and decentralized identity (DID) systems. Leverage modern **AI IDEs and developer tooling** (Cursor, GitHub Copilot, Claude Code) to accelerate delivery cycles and improve code quality. Seeking a senior mobile engineering role to build high-impact, production-grade products at scale.

## TECHNICAL SKILLS

<b>Languages &amp; Frameworks:</b>	Flutter, Dart, REST APIs, GraphQL, Firebase (Firestore, Storage, FCM, Auth, Crashlytics), Unity Integration
<b>AI-Powered Development:</b>	Cursor, GitHub Copilot, Claude Code, v0, Lovable, Bolt.new, Windsurf, Prompt Engineering, LLM API Integration (OpenAI, Anthropic, Gemini)
<b>State Management:</b>	BLoC / Cubit, Provider, GetX, Riverpod
<b>Architecture &amp; Patterns:</b>	Clean Architecture, MVVM, MVC, Repository Pattern, Dependency Injection
<b>Payments &amp; Monetization:</b>	Stripe, In-App Purchases (iOS & Android), PayPal Integration
<b>Databases &amp; Storage:</b>	Cloud Firestore, Firebase Realtime Database, Hive (Local NoSQL), SQLite, Shared Preferences
<b>Authentication &amp; Security:</b>	Firebase Auth, Biometric Authentication, OAuth 2.0, SSO, JWT, Decentralized Identity (DID)
<b>DevOps &amp; CI/CD:</b>	Git, GitHub, GitHub Actions, Fastlane, Bitrise, Codemagic, Android Studio, VS Code, Xcode, Postman
<b>App Deployment:</b>	Google Play Store, Apple App Store, TestFlight, Firebase App Distribution
<b>Design &amp; Collaboration:</b>	Figma, Adobe XD, Jira, Trello, Asana, Slack, ClickUp
<b>Methodologies:</b>	Agile / Scrum, Code Review, TDD, Cross-Functional Team Collaboration

## PROFESSIONAL EXPERIENCE

### Software Engineer — Avanza Solution (Contract)

Aug 2025 – Present

Flutter Mobile Application Developer | Fintech | Cambodia

- Develop and maintain **Aeon Wallet Cambodia**, a fintech app processing real payments and KYC verification for thousands of users across Cambodia.
- Architected the application using **BLoC state management**, reducing UI rebuild overhead by 30% and improving overall app responsiveness.
- Deliver production releases under strict regulatory compliance (financial services) and confidentiality standards with **zero critical post-release bugs**.

### Senior Software Engineer — International Maths Bee

Nov 2024 – Aug 2025

Flutter Mobile Application Developer | EdTech | Global

- Led a team of **4 engineers** in end-to-end development of 2 mobile apps (student + teacher/parent) for global math competitions across **10+ countries**.
- Integrated **Unity game engine** into Flutter for interactive quiz games supporting 4-level contests (classroom, school, national, international).
- Reduced onboarding time for new team members by **50%** through comprehensive documentation and modular code architecture.

*Flutter Mobile Application Developer*

- Built **3 cross-platform mobile applications** with REST API integration, Firebase services, and Stripe payment gateway processing live transactions.
- Implemented **CI/CD pipelines** using Fastlane and GitHub Actions, reducing build-to-release time by **40%** across Android and iOS.
- Collaborated in 2-week agile sprints with an 8-person cross-functional team (design, backend, QA) to ship features on schedule.

**Software Engineer — Swati Technology**

Mar 2023 – Dec 2023

*Flutter Mobile Application Developer | AI & Blockchain*

- Built mobile applications integrating **AI-powered APIs** and **blockchain-based services**, delivering 2 production apps in 10 months.
- Improved app startup time by **35%** through code optimization, lazy loading, and efficient state management with BLoC.
- Collaborated with designers, backend developers, and product managers in agile sprints to align technical solutions with business goals.

**Software Engineer — Tsoftek**

Aug 2020 – Mar 2023

*Flutter Mobile Application Developer*

- Shipped **5+ cross-platform mobile applications** using Flutter for Android and iOS, serving a combined user base of **50K+ active users**.
- Integrated **15+ REST APIs**, Firebase backend services, and responsive UI/UX components, reducing customer support tickets by **25%**.
- Drove code-quality standards through structured code review and consistent on-time delivery within agile sprint cycles.

**KEY PROJECTS**

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**Aeon Wallet Cambodia** — *Flutter, BLoC, Firebase, KYC, Live Payments — In Production*

Production fintech wallet for the Cambodian market featuring secure payment processing, KYC verification, and regulatory-compliant transaction handling for thousands of active users.

**Nordseka Hotel (Netherlands)** — *Flutter, BLoC, Stripe, Firebase*

Hospitality guest-services app for a 4-star hotel near The Hague featuring room booking, in-app guest communication, and concierge services.

**D-iDconnect (DiDconn)** — *Flutter, BLoC, Biometric Auth, Encrypted Messaging, SSO, Decentralized Identity*

Architected an all-in-one Decentralized Identity (DID) management platform enabling users to securely create, control, and share digital profiles across platforms. Implemented **biometric authentication**, **consent-based data sharing**, end-to-end **encrypted messaging** with media sharing (images, videos, documents), trusted business networking, and **Single Sign-On (SSO)** for unified login across multiple platforms — eliminating password fatigue while ensuring user data sovereignty.

**Motara Car** — *Flutter, BLoC, Firebase, Stripe, Real-Time Booking*

Developed a feature-rich car rental and ride-booking mobile platform with real-time vehicle availability, secure payment processing, in-app chat between users and rental partners, geolocation-based vehicle search, and a streamlined booking flow with Stripe integration.

**International Maths Bee** — *Flutter, Unity, Firebase — Live in 10+ Countries*

Student and teacher apps for global math competitions with embedded Unity-powered quiz games supporting classroom, school, national, and international levels.

**Haddiya (Oman)** — *Flutter, BLoC, Stripe, Firebase*

E-commerce and gifting platform for the Omani market featuring product catalog, cart management, and secure Stripe checkout.

**Ajarlee (Oman)** — *Flutter, BLoC, Stripe, Firebase*

First Omani car rental platform connecting users with **400+ rental offices** nationwide; integrated geolocation, secure payments, and partner dashboards.

**GirumHelp** — *Flutter, REST APIs, Stripe, IAP — Live on Play Store & App Store*

AI-powered writing assistant with translation, plagiarism detection, and rephrasing — monetized via subscription IAP and Stripe.

**QQuill Care LMS** — *Flutter, Firebase — Live on Both Stores*

Daycare management app for child development tracking and family-staff communication.

**Zaffire Healthcare** — *Flutter, Hive, Firebase*

Health-habit tracking app combining offline-first local storage (Hive) with cloud sync for cross-device continuity.

## EDUCATION

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**Bachelor of Computer Science — COMSATS University Islamabad, Sahiwal Campus**

## CERTIFICATIONS & ACHIEVEMENTS

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- The Complete 2020 Flutter Development Bootcamp with Dart — **Udemy (Certified)**
- Flutter BLoC: From Zero to Hero Complete Course — **Udemy (Certified)**
- **KingShip Scholarship** Recipient for Bachelor's Study — COMSATS University
- **Student of the Semester (Fall 2018)** — COMSATS University
- **PM Laptop Scheme** Award Recipient — Government of Pakistan

## LANGUAGES

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**English** (Proficient) • **Urdu** (Native) • **Arabic** (Limited Working Proficiency)