

# ZAIN IQBAL

## Flutter Developer | Lahore

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### Summary

Computer Science graduate and Flutter developer with 1.5+ years of hands-on experience in cross platform mobile application development. Skilled in software development principles, design patterns, and building scalable IT services using Flutter and modern backend tools. Proficient in Flutter, Firebase, REST APIs, JSON data handling, payment integration, and real-time systems. Strong communicator and collaborative team member dedicated to delivering innovative, efficient solutions.

### Technical Skills

- Programming Languages:** Dart, JavaScript, Python, SQL, Node.js
- Mobile Development:** Flutter, React Native, Android Studio, iOS Development, Cross-platform Development
- Frameworks & Libraries:** Firebase, Strapi CMS , Express, Node, React, Third-party Libraries Integration
- Architecture & State Management:** MVC, MVVM, Provider, BLoC, Clean Architecture
- APIs & Backend:** RESTful APIs, Firebase Auth, Firestore, SQLite, MongoDB, Strapi CMS, FCM, PostgreSQL, Google Auth
- Third-Party Integrations:** Google Maps API, Stripe Payment Gateway, Google OAuth, Dialogflow AI, Push Notifications
- Version Control & Tools:** Git, GitHub, VS Code, Firebase Console, Android Studio, Google Cloud Console
- Development Practices:** Clean Code, Code Reviews, Agile Development, SDLC, CI/CD, Debugging
- Core Strengths:** Problem Solving, Team work, debugging, Troubleshoot and continuous improvement mindset.

### Professional Work Experience

#### Flutter Developer | Metaviz AI

Aug 2025 - Present

- Developed multiple Flutter apps including Wellness AOE Distributor and Member apps, Ride-booking platform User and driver (real-time tracking, driver matching), AiPEX fitness app (personalized meal/workout plans, chatbot), and Snap n shop Ecommerce app with stripe integration, blog app (REST APIs,Google OAuth).
- Implemented complex features including Google Maps navigation, payment processing, state management with Provider, and Firebase backend integration for better software solutions.
- Built scalable Flutter applications following clean architecture principles and real-time data handling.

#### Flutter Developer Intern | Business Incubation Center (BIC), University of Gujarat

Nov 2023 – Apr 2024

- Developed blood donation app with live location matching, Firebase Auth, and real-time notifications serving actual users.
- Implemented secure in-app messaging using third-party libraries ensuring data integrity.
- Collaborated on responsibilities code reviews, team meetings, team works and technical documentation.

### Key Projects

#### AIPEX Fitness App | Metaviz

Sep 2025 - Oct 2025

- Personalized workout/meal plans, body metrics tracking, dark/light themes, AI chatbot with conversation history.

#### Ride-Booking Platform | Metaviz

Sep 2025 - Sep 2025

- Dual-app system with intelligent driver matching (30-sec timeout), real-time GPS tracking, trip history, and earnings dashboard.

#### E-commerce Platform | Metaviz

Sep 2025 - Sep 2025

- Full e-commerce app with Stripe payments, Google OAuth, shopping cart (Provider), product catalog, and order management.

#### Wellness APP - AOE | Metaviz

Aug 2025 - Sep 2025

- Social blogging with rich text editor, user profiles, content feed, and Google authentication.

#### Chrono Chase (Unity) | Final Year Project | [View](#)

Sep 2024 - May 2025

- Mobile endless runner with time-travel theme, shop system, and responsive UI with modular gameplay logic.

#### QR Scanner App | [View](#)

July 2024 - Sep 2024

- Published on Play Store with 100+ downloads, QR scanning/generating, Media Store API for gallery saves.

### Education

#### Bachelor of Science, Computer Science | University of Gujarat | GPA: 3.37/4.00

Nov 2021 - May 2025

Key Courses: OOP, Data Structures, Algorithms, DBMS, ML, AI, Web Development, Software Engineering

### Achievements

- DevOps, Cloud & Agile Foundations** - [Certified](#)
- Finance Secretary** - Hayatian Computing Society, UOG
- Rapid Development** - Contributed to multiple end-to-end Flutter applications within a fast development cycle.